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HOPE COLLEGE



Annual Bulletin

VOLUME EIGHTY-SIX

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DIRECTIONS FOR CORRESPONDENCE

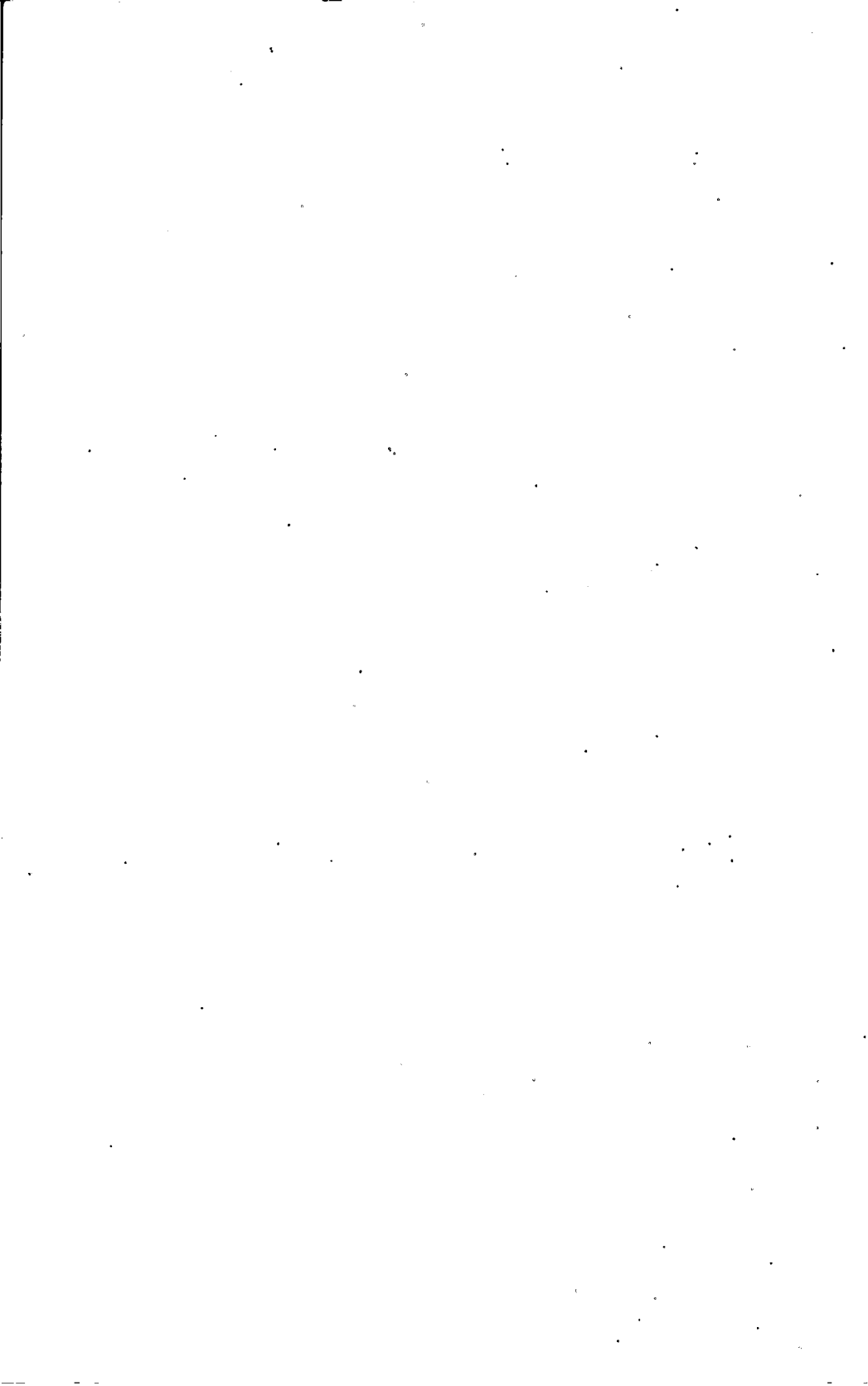
Concerning ADMISSIONS, FEES, SCHOLARSHIPS,
REQUESTS FOR LITERATURE, address Mr. A.
H. Timmer, Director of Admissions.

Concerning the WELFARE OF WOMEN STUDENTS
AND WOMEN'S HOUSING, address Miss Emma
Reeverts, Dean of Women.

Concerning the WELFARE OF MEN STUDENTS AND
MEN'S HOUSING, address Mr. Milton Hinga,
Dean of Men.

Concerning TRANSCRIPTS OF RECORDS, address Mr.
Paul E. Hinkamp, Registrar.

Concerning PAYMENT OF FEES OR TRANSACTION OF
BUSINESS IN CONNECTION WITH STUDENT
ACCOUNTS, address Mr. Henry Steffens,
Treasurer. All checks should be made pay-
able to the Treasurer, Hope College.



HOPE COLLEGE BULLETIN

GENERAL CATALOGUE NUMBER

1947-1948

ANNOUNCEMENTS FOR THE YEAR

1948-1949

VOLUME 86

MARCH, 1948

NUMBER 1

HOLLAND, MICHIGAN

FOREWORD

HOPE COLLEGE is a church-related liberal arts college, founded and maintained by the Reformed Church in America for the higher education of its constituents and of all others who subscribe to its principles and are accepted as students.

Hope College is not colorless in its belief that the Christian religion is central to all true education. It holds that its duty and obligation is to help the Christian Church redeem the world to Christ. It believes with Dr. Robert Kelley that "mankind has not yet discovered a more worthy instrument of progress than a thoroughly Christian College." The motto of Hope College, engraved on its seal, is "Spera in Deo"—Hope in God.

As a liberal arts college, Hope College offers a curriculum designed to introduce the student to the whole field of human knowledge and culture, to bring him to the realization of the problems and responsibilities facing him as a Christian world citizen, and to direct him toward the acceptance and performance of his duties in the world today. The curriculum is based on a four-year program leading to the Bachelor of Arts Degree.

With its student enrollment limited to approximately twelve hundred, Hope College seeks to foster close contact and intimacy between students and faculty, and to promote a sense of unity and cooperation in the college community; for it believes that these characteristics are among the distinctive advantages of the smaller liberal arts college. The student body is cosmopolitan rather than local. A large number of students come from New England and Middle Atlantic states, and a smaller number from the far West and from other parts of the United States. A number of foreign students add further to the diversity of environmental background, which serves to enrich the experience of all the students.



TABLE OF CONTENTS

PART I

Comparative Calendar and School Calendar	2, 3
The College Corporation (Board of Trustees)	5
Administration and Maintenance	7
Faculty	9
Faculty Committees	16

PART II

History and Organization	19
Standards and Aims	20
Standard of Faith—Aims and Objectives—Academic Stand- ing—College Regulations	
Campus and Buildings	24
Location—Campus—Buildings—Women's Residence Halls —Men's Housing—Dining Facilities	
Special Services	28
Counseling Service—Placement Service—Health Service	
Student Activities	30
Religious Organizations—Student Clubs—Fraternal Soci- eties—Honor Societies—Student Council—Music—Publi- cations—Athletic Activities	
Alumni Association	34

PART III

Admssion	37
General Academic Regulations	40
System of Grading—Incompletes and Failures—Withdraw- al from College—Change of Courses—Student Load— Classification—Class Attendance	
Reading Courses	42
Honors	43
Graduation Honors—Senior Honors	

Requirements for Graduation	44
Semester Hours and Quality Points—Residence—Physical Education—Course Requirements—Group Requirements— Foreign Language Requirement—Field of Concentration	

Transcript of Record	47
----------------------	----

PART IV

Expenses	51
Fees—Payment of Fees—Refund Policy	
Student Aid	53
Scholarships—Grants in Aid—Loans	
Prizes and Awards	56

PART V

Departments of Instruction and Description of Courses	63
Suggested Courses	112

PART VI

Graduates, June 1947	121
Honorary Degrees and Awards	124
Student Body Roster	126
Index	161

PART I

COLLEGE CALENDAR

BOARD OF TRUSTEES

ADMINISTRATION AND MAINTENANCE

FACULTY

FACULTY COMMITTEES

COMPARATIVE CALENDAR

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COLLEGE CALENDAR

1947

September 15-18	First semester registration
September 17	Annual Convocation—9:00 a. m.
September 18	Classes begin—1:15 p. m.
November 24	Nykerk Cup Contest
November 26	Thanksgiving recess begins—4:00 p. m.
December 1	Thanksgiving recess ends—8:00 a. m.
December 19	Christmas recess begins—10:45 a. m.

1948

January 6	Christmas recess ends—8:00 a. m.
January 24-25	Second semester registration
January 27—February 1	First semester examinations
February 3	Second semester classes begin
March 26	Spring recess begins—4:00 p. m.
April 6	Spring recess ends—8:00 a. m.
May 11	Voorhees Day
May 28—June 4	Semester examinations
June 6	Baccalaureate Service—7:30 p. m.
June 8	Alumni Convocation—6:30 p. m.
June 9	Annual Commencement—7:30 p. m.
June 21	Summer session begins
July 30	Summer session ends

September 13-14	First semester registration
September 15	Annual Convocation—9:00 a. m.
September 16	Classes begin
November 22	Nykerk Cup Contest
November 24	Thanksgiving recess begins—4:00 p. m.
November 29	Thanksgiving recess ends—8:00 a. m.
December 17	Christmas recess begins—12 m.

1949

January 4	Christmas recess ends—8:00 a. m.
January 21-22	Registration for second semester
January 24-29	Semester examinations
February 1	Second semester classes begin
April 1	Spring recess begins—4:00 p. m.
April 12	Spring recess ends—8:00 a. m.
May 6	Voorhees Day
May 24—June 3	Semester examinations
June 5	Baccalaureate Service—7:30 p. m.
June 7	Alumni Convocation—6:30 p. m.
June 8	Annual Commencement—7:30 p. m.
June 20	Summer session begins
July 29	Summer session ends

THE COLLEGE CORPORATION

THE BOARD OF TRUSTEES

Ex Officio, The President of the College

IRWIN J. LUBBERS, Ph.D., LL.D., Litt.D.

OFFICERS OF THE BOARD

President

JOHN A. DYKSTRA, D.D.

Vice President

JACOB PRINS, D.D.

Secretary

BASTIAN KRUIHOF

Treasurer

HENRY WINTER

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Term Expires in 1948

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Grand Rapids, Michigan

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Muskegon Heights, Michigan

WILLIAM J. SWART

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Term Expires in 1949

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Pompton Lakes, New Jersey

EVERT KRUIZINGA

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WILLIAM B. TIMMERS

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Term Expires in 1950

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GERRIT RIENTJES

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BASTIAN KRUIHOF

Holland, Michigan

JOHN BENES

Holland, Michigan

JOHN W. VER MEULEN

Milwaukee, Wisconsin

Term Expires in 1951

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EVERETT DE WITT	Chicago, Illinois
WILLIAM JANSEN	Chicago, Illinois
HENRY KIK	Chicago, Illinois
GRADUS VANDER LINDEN	Hynes, California
ROGER VERSEPUT	Grand Rapids, Michigan
WYNAND WICHERS, LL.D., Litt.D., L.H.D.	Kalamazoo, Michigan

Term Expires in 1952

HARRY BROWER	Morrison, Illinois
M. DEN HERDER	Grand Rapids, Michigan
B. D. HIETBRINK	Corsica, South Dakota
JACOB PRINS, D.D.	Grand Rapids, Michigan
MINO KOOI	Fulton, Illinois
JEAN A. VIS	Sheldon, Iowa
ARTHUR J. BENNING	Sully, Iowa

Term Expires in 1953

MRS. HAROLD BRINIG	New York, New York
PETER A. DE JONG	Kalamazoo, Michigan
MATTHEW PEELLEN, M.D.	Kalamazoo, Michigan
FRANCES B. SANFORD, LL.D.	New York, New York
RANDALL C. BOSCH	Holland, Michigan
RUTHERFORD G. HUIZENGA	New York, New York
MRS. GEORGE PELGRIM	Holland, Michigan

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Peter John Kriekaard, M. D.	John A. Dykstra
Irwin J. Lubbers	Bastian Kruithof
Wynand Wichers	

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J. N. Dykema	John W. Ver Meulen
M. Den Herder	Henry Winter
William B. Timmers	

BUILDINGS AND GROUNDS

William Jansen, <i>Chairman</i>	J. N. Dykema
M. Eugene Flipse	John W. Ver Meulen
William B. Timmers	

ADMINISTRATION AND MAINTENANCE*

IRWIN JACOB LUBBERS

Ph.D. (Northwestern), LL.D., Litt.D.
PRESIDENT (1923, 1945)

BRUCE MUNSON RAYMOND

Ph.D. (Nebraska)
BUSINESS MANAGER (1925, 1946)

HENRY J. STEFFENS

A.M. (Northwestern)
TREASURER (1946)

JOHN WILLIAM HOLLENBACH

Ph.D. (Wisconsin)
DEAN OF THE COLLEGE (1945)

MILTON LAGE HINGA

A.M. (Columbia)
DEAN OF MEN (1931)

EMMA MARIE REEVES

A.M. (Michigan)
DEAN OF WOMEN (1946)

PAUL EUGENE HINKAMP

B.D. (McCormick)
REGISTRAR (1918)

ALBERT H. TIMMER

A.M. (Michigan)
DIRECTOR OF ADMISSIONS (1928)

ABRAM LEENHOUTS

M.D. (Michigan)
COLLEGE PHYSICIAN (1946)

CLYDE HENRY GEERLINGS

A.B. (Hope)
DIRECTOR OF PUBLIC RELATIONS (1946)

WILLARD C. WICHES

A.B. (Hope)
DIRECTOR OF ALUMNI RELATIONS (1946)

MARGARET LYDIA GIBBS

B.S. in L.S. (Illinois)
LIBRARIAN (1935)

*The figures in parentheses indicate the year in which the person began his service at Hope College. A second figure in parentheses indicates the year of beginning the present appointment after interruption in the period of service.

MRS. NELL ALDRICH

HOUSE DIRECTOR OF BEACH COTTAGE (1944)

MRS. ELIZABETH DEN HERDER

HOUSE DIRECTOR OF VAN VLECK HALL

CHESTER J. DROOG

BLUE KEY BOOKSTORE MANAGER (1947)

MRS. LEON DYKSTRA

SECRETARY TO DEAN OF THE COLLEGE (1946)

MRS. RICHARD FLAHERTY

SECRETARY TO COUNSELING OFFICE AND ENGLISH DEPT. (1947)

MRS. WILLIAM J. HAAK

CASHIER (1947)

ESTHER DEAN HAVEMAN

SECRETARY TO BUSINESS MANAGER (1946)

MRS. RENZE HOEKSEMA

SECRETARY TO TREASURER (1947)

MRS. BERTHA KRONMEYER

HOUSE DIRECTOR OF VOORHEES HALL (1941)

FRANK LIGHTHART

SUPERINTENDENT OF GROUNDS AND BUILDINGS (1947)

MRS. CHARLOTTE PARSONS

HOUSE DIRECTOR OF WEST HALL (1946)

JEAN PELLEGRAM

TELEPHONE OPERATOR (1947)

MRS. NORWOOD RECK

SECRETARY TO REGISTRAR (1946)

MRS. ETHEL ROBINSON

HOUSE DIRECTOR OF FAIRBANKS COTTAGE (1947)

HELEN SANDER

SECRETARY TO PRESIDENT (1947)

JENNIE SPOELSTRA, R. N.

NURSE AND DIRECTOR OF CLINIC (1947)

MRS. DELLA B. STEININGER

HOUSE DIRECTOR OF COLUMBIA HALL (1945)

MRS. MARIAN STRYKER

ASSOCIATE DIRECTOR OF ALUMNI RELATIONS (1947)

REIN VISSCHER

DIRECTOR OF DINING HALLS (1946)

MRS. DENA V. WALTERS

SECRETARY TO DIRECTOR OF ADMISSIONS (1945)

FACULTY *

IRWIN JACOB LUBBERS

Ph. D. (Northwestern), LL.D., Litt.D.
PRESIDENT (1923, 1945)

EDWARD DANIEL DIMNENT

A.M. (Hope), Litt.D., L.H.D., LL.D.
PRESIDENT (1918-1930)
TEACHER IN DEPARTMENTS OF LATIN, GREEK, ENGLISH, AND
ECONOMICS (1897-1948).

JOYCE THOMPSON ALLEN

A.B. (Albion)
ASSISTANT IN ENGLISH (1946)

EDWARD SEVERANCE AVISON

A.M. (Northwestern)
ASSOCIATE PROFESSOR OF SPEECH (1946)

EUGENE WILBUR BOOT

A.M. (Michigan)
INSTRUCTOR IN ENGLISH (1947)

LAURA ALICE BOYD

A.M. (Missouri)
PROFESSOR OF GERMAN, HEAD OF THE DEPARTMENT OF GERMAN
LANGUAGE AND LITERATURE (1921)

EDWARD E. BRAND

A.M. (Iowa)
ASSOCIATE PROFESSOR OF ENGLISH (1946)

ROBERT WILLIAM CAVANAUGH

Mus.M. (American Conservatory)
ASSOCIATE PROFESSOR OF MUSIC THEORY AND VOICE (1940, 1946)

CLARENCE DE GRAAF

Ed.D. in English (Michigan)
PROFESSOR OF ENGLISH, HEAD OF THE DEPARTMENT OF ENGLISH
LANGUAGE AND LITERATURE, DIRECTOR OF COUNSELING (1928)

D. IVAN DYKSTRA

Ph.D. (Yale)
PROFESSOR OF GREEK (1947)

*The figures in parentheses indicate the year in which the instructor began his teaching at Hope College. A second figure in parentheses indicates the year of beginning the present appointment after interruption in the period of service.

ERNEST E. ELLERT

Ph.D. (North Carolina)
ASSOCIATE PROFESSOR OF GERMAN (1947)

JAY ERNEST FOLKERT

A.M. (Michigan)
INSTRUCTOR IN MATHEMATICS (1946)

MARGARET LYDIA GIBBS

B.S. in L.S. (Illinois)
ASSOCIATE PROFESSOR OF LIBRARY SCIENCE (1935)

LARS I. GRANBERG

A.M. (Chicago)
ASSISTANT PROFESSOR OF PSYCHOLOGY (1947)

DIRK GRINGHUIS

ASSISTANT IN ART (1947)

HAROLD JUDSON HAVERKAMP

A.M. (Iowa)
ASSOCIATE PROFESSOR OF PSYCHOLOGY (1946)

MILTON LAGE HINGA

A.M. (Columbia)
ASSOCIATE PROFESSOR OF HISTORY, DEAN OF MEN, DIRECTOR OF
ATHLETICS (1931)

JANTINA WILHELMINA HOLLEMAN

A.M. (Columbia)
INSTRUCTOR IN MUSIC THEORY AND PIANO (1946)

JOHN WILLIAM HOLLENBACH

Ph.D. (Wisconsin)
PROFESSOR OF ENGLISH, DEAN OF THE COLLEGE (1945)

MILTON URBAN JOHNSTON

Mus.M. (Indiana)
INSTRUCTOR IN MUSIC THEORY AND PIANO (1946)

HELENE PRISMAN KARSTEN

ASSISTANT IN PIANO (1928)

J. HARVEY KLEINHEKSEL

Ph.D. (Illinois)
ASSOCIATE PROFESSOR OF CHEMISTRY (1928)

CLARENCE KLEIS

A.M. (Michigan)
PROFESSOR OF PHYSICS, HEAD OF THE DEPARTMENT OF PHYSICS,
(1921) PHYSICS

FRANCES KOEMAN

A.B. (Hope), R.N.
INSTRUCTOR IN BIOLOGY (1947)

ALICE LAMMERS

B.L.S. (Wisconsin)
ASSOCIATE PROFESSOR OF LIBRARY SCIENCE

ALBERT EUGENE LAMPEN

A.M. (Michigan)
PROFESSOR OF MATHEMATICS, HEAD OF THE DEPARTMENT OF MATHEMATICS (1918)

DON CARLOS MADRID

A.M. (Princeton)
ASSISTANT PROFESSOR OF SPANISH

MARIAN FRANCES MASTENBROOK

A.B. (Hope)
ASSISTANT IN LIBRARY SCIENCE (1946)

NELLA MEYER

A.M. (Columbia)
ASSOCIATE PROFESSOR OF FRENCH (1923, 1945)

WILLIAM BASTIAAN MILLER

A.B. (Hope), B.D. (Western Theological Seminary)
INSTRUCTOR IN BIBLE AND RELIGION (1947)

MAURICE EUGENE OSTERHAVEN

A.B. (Hope), B.D. (Western Theological Seminary)
ASSOCIATE PROFESSOR OF BIBLE AND RELIGION

HAZEL MARGUERITE PAALMAN.

Mus.M. (Michigan)
ASSISTANT PROFESSOR OF MUSIC THEORY AND VOICE (1947)

ALBERT JAMES PRINS

A.M. (Michigan)
INSTRUCTOR IN ENGLISH (1946)

MARGUERITE MEYER PRINS

A.M. (Wisconsin)
PROFESSOR OF FRENCH, HEAD OF THE DEPARTMENT OF FRENCH
(1921, 1937)

MARGARET E. RANDELS

A.B. (Alma)
INSTRUCTOR IN SPANISH (1947)

EMMA MARIE REEVES

A.M. (Michigan)
ASSOCIATE PROFESSOR OF ENGLISH, DEAN OF WOMEN (1946)

MORRETTE L. RIDER

Mus.M. (Michigan)

ASSISTANT PROFESSOR OF MUSIC THEORY AND INSTRUMENTS (1947)

METTA J. ROSS

A.M. (Michigan)

PROFESSOR OF HISTORY (1926)

HENRY ERNEST SCHOON

A.M. (Hope)

ASSOCIATE PROFESSOR OF GERMAN (1946)

HELEN HABERLAND SCHOON

A.M. (Michigan)

INSTRUCTOR IN EDUCATION, ASSISTANT IN ENGLISH (1946)

JOHN H. L. SCHOUTEN

INSTRUCTOR IN PHYSICAL EDUCATION (1918)

WILLIAM SCHRIER

Ph.D. (Michigan)

PROFESSOR OF SPEECH, HEAD OF THE DEPARTMENT OF SPEECH
(1939)**ESTHER MACFARLANE SNOW**

A.B. (Hope)

ASSISTANT PROFESSOR OF ORGAN AND PIANO (1938)

JENNIE SPOELSTRA

A.B. (Hope), R.N.

INSTRUCTOR IN BIOLOGY (1947)**CHARLES ANDREW STEKETEE**

A.M. (Michigan)

INSTRUCTOR IN MATHEMATICS (1946)**HENRY TEN HOOR**

A.M. (Michigan)

INSTRUCTOR IN ENGLISH (1946)

OSCAR EDWARD THOMPSON

A.M. (Cornell)

ASSOCIATE PROFESSOR OF BIOLOGY (1926, 1946)**GARRETT VANDER BORGH**

A.M. (Columbia)

PROFESSOR OF EDUCATION (1923)

ALVIN WALLACE VANDERBUSH

A.M. (Michigan)

ASSOCIATE PROFESSOR OF HISTORY AND POLITICAL SCIENCE (1945)

THEODORE L. VANDER PLOEG

Sc.M. (Ohio State)

ASSOCIATE PROFESSOR OF CHEMISTRY (1947)**LOUISE JEAN VAN DOMMELEN**

B.S. (Michigan State Normal)

INSTRUCTOR IN PHYSICAL EDUCATION (1947)

WALTER VAN SAUN

Ph.D. (Cincinnati), B.D. (Bonebrake)

PROFESSOR OF PHILOSOPHY (1929)

GERRIT VAN ZYL

Ph.D. (Michigan)

PROFESSOR OF CHEMISTRY, HEAD OF THE DEPARTMENT OF CHEMISTRY (1923)**TEUNIS VERGEER**

Ph.D. (Michigan)

PROFESSOR OF BIOLOGY, HEAD OF THE DEPARTMENT OF BIOLOGY (1931)**HENRY VOOGD**

Th.D. (Princeton Theological Seminary)

ASSOCIATE PROFESSOR OF SOCIOLOGY (1947)

IRENE E. WADE

A.M. (Michigan State)

INSTRUCTOR IN SPEECH (1947)

MARIE JENKINS WIERSUM

B.L.S. (Western Reserve)

ASSISTANT IN LIBRARY SCIENCE (1946)

EDWARD JOHN WOLTERS

A.M. (Michigan)

ASSOCIATE PROFESSOR OF LATIN (1926)

DWIGHT B. YNTEMA

Ph.D. (Michigan)

PROFESSOR OF ECONOMICS, HEAD OF THE DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION (1946)

JOHN H. YZENBAARD

A.M. (Michigan)

ASSISTANT PROFESSOR OF HISTORY (1947)

DANIEL J. ZWEMER

A.B. (Hope)

ASSISTANT IN ACCOUNTING (1945)

SPECIAL INSTRUCTORS

NORMA BAUGHMAN

ASSISTANT IN VOICE (1946)

CHARLES E. DREW

B.S. (Hanover)

ASSISTANT IN BUSINESS ADMINISTRATION (1947)

CAROLYN HAWES

A.M. (Minnesota)

DIRECTOR OF ELEMENTARY PRACTICE TEACHING (1934)

ADRIAN KLAASEN

Ph.B. (Chicago)

ASSISTANT IN BUSINESS ADMINISTRATION (1947)

BASTIAN KRUTHOF

A.M. (Michigan)

ASSISTANT IN ENGLISH (1942)

RICHARD MARTIN

A.M. (Michigan)

ASSISTANT IN MATHEMATICS (1934)

WENDELL MILES

LL.B. (Michigan)

ASSISTANT IN BUSINESS ADMINISTRATION (1947)

FREDERICK MILLER

A.B. (Hope)

ASSISTANT IN CHEMISTRY (1947)

ALBERTUS PIETERS

D.D. (Hope)

ASSISTANT IN BIBLE (1923, 1946)

CORNELIUS VANDER MEULEN

LL.B. (Michigan)

ASSISTANT IN BUSINESS ADMINISTRATION (1947)

EGBERT WINTER

A.M. (Michigan)

INSTRUCTOR IN VETERAN'S INSTITUTE (1919)

CRITIC TEACHERS
(HOLLAND PUBLIC SCHOOLS)

ELEMENTARY SCHOOLS

FANNIE BULTMAN	FLORENCE KOSSEN
MINNIE BUTER	MARY KOSSEN
WILHELMINE HABERLAND	HELEN KUIITE
MRS. BUENA HENSHAW	MRS. JANE LAMPEN
MRS. FRIEDA HOOGERHYDE	MRS. RUTH SHARLAND
HERMINE IHRMAN	MAE WHITMER
MRS. MARIE WOLDRING	

SECONDARY SCHOOLS

ELAINE ACKERSON	Music
JAMES BENNETT	Science
RUTH BLEKKINK	History
AUSTIN BUCHANAN	History
R. E. CHAPMAN	Chemistry
EDWARD DAMSON	History
ADELAIDE DYKHUIZEN	English
MAME EWALD	English
MAIBELLE GEIGER	Latin
ERVIN HANSON	Economics, Government
BARBARA LAMPEN	History
CLARA MCCLELLAN	Mathematics
MALCOLM MACKAY	Physical Education
LEON MOODY	Physical Education
MINNIE NELSON	Mathematics
CLARA REEVERTS	Mathematics
LIDA ROGERS	Biology
MARION SHACKSON	English
EMILY SHOUP	Mathematics
ROBERT STUPKA	Physical Education
JOAN VANDER WERF	English
LILLIAN VAN DYKE	English
CARL VAN LENTE	Social Science
FRED WEISS	History

FACULTY COMMITTEES

The President and the Dean of the College are members ex-officio of all committees.

ADMINISTRATIVE

Lubbers (Chairman), Hollenbach, Boyd, De Graaf, Hinga, Hinkamp, Kleis, Lampen, Raymond, Reeverts, Timmer.

EDUCATIONAL POLICIES

De Graaf (Chairman), Hollenbach, Brand, Ellert, Haverkamp, Mrs. Prins, Ross, Schrier, Vander Borgh, Van Saun, Van Zyl, Vergeer.

STUDENT DIRECTION

Boyd (Chairman), Hollenbach, Avison, Boot, Geerlings, Hinga, Kleinheksel, Koeman, Meyer, Osterhaven, Reeverts, Mrs. Schoon, Spoelstra, Ten Hoor.

CHAPEL

Osterhaven (Chairman), Dykstra, Hinkamp, Wm. Miller, Schoon, Snow, Van Saun, Voogd, Wade.

LIBRARY

Meyer (Chairman), Hollenbach, Folkert, Gibbs, Granberg, Lammers, Mastenbrook, Thompson, Wiersum, Wolters, Yntema, Yzenbaard.

ATHLETICS

Kleis (Chairman), Haverkamp, Hinga, J. Prins, Schouten, Steketee, Vanderbush, Vander Ploeg, Van Dommelen.

MUSIC

Cavanaugh (Chairman), Holleman, Johnston, Karsten, Paalman, Rider, Snow.

FOREIGN STUDENTS

Timmer, Boyd.

PART II

HISTORY AND ORGANIZATION

STANDARDS AND AIMS

CAMPUS AND BUILDINGS

SPECIAL SERVICES

STUDENT ACTIVITIES

ALUMNI ASSOCIATION

HISTORY AND ORGANIZATION

In 1848 the General Synod of The Reformed Church in America approved the recommendation of the Special Committee on the State of the Church which urged that "an institution of high order for classical and theological instruction under our patronage as long as necessary be established." One year before this a party of religious immigrants had settled in the wilderness on Black Lake and had founded the town of Holland. In that one year the colonists from the Netherlands had increased in number from fifty-three to four thousand. Under the leadership of Reverend A. C. Van Raalte the plans for an educational institution were soon realized. In 1855 an academy was established under the principalship of Walter T. Taylor.

To the first report of Principal Taylor to the General Synod was appended a statement by Rev. Van Raalte, containing the sentence, "This is my anchor of hope for this people in the future." This statement, as simple as it is felicitous, gave the name Hope College to the institution and led to the selection of the anchor as its seal. At first the academy provided instruction only at the secondary level, and the plan of collegiate education was not put into action until 1862, when the first freshman class was organized. In 1866 Hope College was incorporated and Rev. Philip Phelps, D. D., was inaugurated as the first President. In that same year the first class of eight was graduated.

There have been seven presidents of Hope College as follows:

PHILIP PHELPS
CHARLES SCOTT
GERRIT J. KOLLEN
AME VENNEMA
EDWARD D. DIMNENT
WYNAND WICHERS
IRWIN J. LUBBERS

1866-~~1885~~
1885-1893
1893-1911
1911-1918
1918-1931
1931-1945
1945-

1875 Provisional Pres.
Charles H. MacLennan
1878-1880
Charles Scott
1880-1885

The governing body of Hope College is the Board of Trustees, consisting of forty-two members, including the

President of the college. They are selected in the following manner: nine are selected by the General Synod of the Reformed Church in America, five by the Board of Trustees, and the remainder by the various classes or particular synods of the Reformed Church. They hold office for six years and are the regularly constituted corporation under which the college acts.

STANDARDS AND AIMS

STANDARD OF FAITH

From the beginning of its history, Hope College has been an avowedly Christian College, offering a liberal arts education on an evangelical basis, according to the historic Christian faith. Its continuing purpose is to provide an atmosphere to which parents who desire to maintain the fundamentals of the Christian faith will readily entrust their children.

The following statement of faith expresses the foundation on which Hope College was established and for which it stands. Desiring to maintain the "faith of our fathers" the Board of Trustees of Hope College reaffirms that faith in the following affirmations.

We believe in:

1. The Scriptures of the Old and New Testament as fully inspired of God, as infallible, and as the supreme and final authority in faith and life.
2. One God, Almighty, Maker of Heaven and Earth, eternally existent in three persons, Father, Son and Holy Spirit.
3. Jesus Christ as the only begotten Son of God, Who was conceived by the Holy Spirit, born of the Virgin Mary, true God and true man, Who suffered and died for our sins, is risen, ascended and coming again, personally, in power and glory.

4. The present ministry of the Holy Spirit, by Whose ministry men are brought to a saving knowledge of Jesus Christ, and by Whose indwelling Christians are enabled to live a godly, Christlike life.
5. The Church of Jesus Christ, holy and invisible, the communion of the saints, and the spiritual unity of all believers in the Lord Jesus Christ.
6. The forgiveness of sins, through the shed blood of Jesus Christ, Who "died for our sins according to the Scriptures and rose again for our justification."
7. The bodily resurrection of the just and the unjust; they, who, by faith, are in Christ, unto the resurrection of life; they, who, by unbelief, are apart from Christ, unto the resurrection of condemnation.
8. The practical application of these truths, which are not only a sacred trust to be preserved and taught, but lived and practiced as well.

AIMS AND OBJECTIVES

On the basis of this faith, Hope College seeks to provide and maintain, for the Reformed Church in America, her students, alumni and friends, a fully accredited liberal arts program on a distinctively evangelical, Christian basis, through a faculty whose faith is in Jesus Christ and whose practices harmonize with His teachings. It is our aim and purpose, therefore:

1. To develop Christian character, nurturing and strengthening faith in God, in Jesus Christ as God's Son and only Saviour and Lord, and in the Bible as the inspired Word of God, our only rule of faith and practice.
2. To provide a Christian atmosphere, culture and education that undergird, strengthen and support those basic Christian principles taught and practiced in the Christian home and church, that will help the student to develop a Christian philosophy of life, and that will strengthen him in the practice of that philosophy.

3. To encourage cooperative participation in group life as a valuable social experience for the development of Christian living and Christian leadership.
4. To train the whole of man for the whole of life and to send forth well-informed, consecrated Christian leaders into every walk of life.
5. To introduce the student to the organized fields of learning, interpreted through the Christian, theistic view of the world, man and his culture, based upon revealed truth as presented in the Word of God, so that he will further develop a proper sense of values.
6. To build strong bodies, through physical training, acquainting the student with the principles of hygienic living and developing interests and habits conducive to physical, mental and spiritual health.
7. To train the student in understanding and evaluating the thoughts of others and in expressing his own thoughts clearly and effectively.
8. To provide the student with intensive concentration in one field of learning and with the techniques of research which are ordinarily associated with that field, so that he will be adequately prepared to take his place in graduate schools or directly in his chosen vocation or profession.
9. To arouse a keen awareness of the power of the unseen, spiritual forces in the world and their importance in the total pattern of living.
10. To raise the standards of its teaching so that its faculty will constantly improve in scholarship and ability.

ACADEMIC STANDING

Hope College is fully accredited by both the Association of American Universities and the North Central Association of Colleges and Secondary Schools. It maintains membership in the American Council on Education, the Association of American Colleges, and the National Conference of Church-related Colleges. Hope graduates are admitted to the leading graduate and professional schools.

COLLEGE REGULATIONS

A student's application for admittance to Hope College implies his acceptance of the purposes and regulations of the college, and his readiness to conduct his social and academic activities in harmony with the principles and rules of the college. The college reserves the right to require the withdrawal of any student at any time if the general welfare, in its opinion, seems to demand such action.

The following basic regulations of the college are designed to contribute to the welfare of each student and of the college as a whole.

1. Devotional services in the Memorial Chapel are held each school day. These services minister to the spiritual growth of the student and serve as a unifying force among the student body. Each student is required to attend these daily devotional periods.
2. To increase the student's understanding of the Christian religion, one course in the department of Bible and Religion is to be taken by every student each year that he is in residence at Hope College.
3. Students are expected to attend public worship each Sunday at churches of their choice.
4. The college opposes drinking, gambling, and hazing in all forms. Offending students will be subject to discipline.
5. In terms of its esteem for fine womanly qualities, the college discourages the use of tobacco by women students.
6. All women students not residing in Holland or living, by consent of the college, with near relatives are required to room in the women's residence halls.

A handbook entitled *Hope Hi-Lites*, which is published each year, contains other detailed regulations with which the student is expected to become acquainted.

CAMPUS AND BUILDINGS

LOCATION

HOPE COLLEGE is located at Holland, a city of seventeen thousand, in the western part of Michigan on Lake Macat-awa, which is a bay of Lake Michigan. The Chesapeake and Ohio Railroad affords direct connections with the leading cities east and west. Grand Rapids is located twenty-five miles northeast and is reached by the Chesapeake and Ohio and motor bus lines. Chicago is one hundred and fifty miles to the southwest. Holland is in the heart of Michigan's famous fruit and summer-resort belt.

CAMPUS

The main College campus, containing eighteen acres, lies in the center of the city between Tenth and Twelfth Streets, and College and Columbia Avenues. It presents a finely varied surface, is well shaded with native trees, and is annually improving in beauty and attractiveness. The east college campus, containing seven and one-half acres, lies between Ninth and Eleventh Streets and to the east of Fairbanks Avenue joining the eastern limits of the city of Holland. It is the site of the original home of Dr. Albertus C. Van Raalte, the founder of the city of Holland and Hope College. This portion of the campus was a gift of George Eerdmans to Hope College in 1947.

BUILDINGS

HOPE MEMORIAL CHAPEL was dedicated in 1929. A large and imposing Gothic structure, it is one of the most beautiful college chapels in the country. It has sixteen stained-glass memorial windows and a four-manual Skinner organ. On the first floor are three rooms used exclusively by student religious organizations, and four classrooms used principally by the Religion and Music departments.

THE SCIENCE BUILDING is a three story brick building of newest design and construction, erected in 1939. It houses the Art, Biology, Chemistry and Physics departments.

GRAVES LIBRARY AND WINANTS CHAPEL houses the library and the departments of modern foreign languages and Greek. The Library contains a large pleasant reading and reference room, a periodical room, two stack rooms containing forty thousand bound volumes, and work rooms.

VAN RAALTE MEMORIAL HALL contains twenty large recitation rooms and a number of faculty offices. The administrative offices of the college occupy the east side of the main floor. Located on the lower floor are the Coffee Shop, Men's Lounge, and College (Blue Key) Book Store.

CARNEGIE HALL, the funds for the erection of which were given by Mr. Andrew Carnegie in 1905, was completed and dedicated in June, 1906. The building has been constructed so that it can be used for public meetings of all kinds and for physical education for both men and women.

WALSH MUSIC HALL, located just off the campus on East Ninth Street, contains studios and practice rooms for voice and piano.

GILMORE COTTAGE, located at 103 East Tenth Street, was purchased by the college in 1947. The first floor has been remodeled for offices for the Dean of Women.

COLLEGE HEALTH CLINIC, 132 East Twelfth Street, contains the offices of the college physician and the college nurse. It also has two infirmary wards, one for men and one for women, and offers medical care to all Hope students.

WOMEN'S RESIDENCE HALLS

Women students who are not residing at home must live in the residence halls that are on or adjacent to the campus. There are six women's residence halls, each with an apartment suite for a house director, and all under the general supervision of the Dean of Women.

ELIZABETH R. VOORHEES HALL, the largest women's residence hall, provides accommodations for ninety women students, usually Seniors and Sophomores. It also contains a dining hall with a capacity of two hundred.

During the school year 1925-1926, a group of women connected with the Synod of Chicago organized the college Women's League. This League has been most generous in improving the appointments and furnishings of Voorhees Hall.

VAN VLECK HALL, the historical first building on Hope's campus, was completely rebuilt and remodeled in 1942. It now houses forty women students, primarily Juniors. On the ground floor is located the office of Student Publications.

COLUMBIA COTTAGE, formerly the home of the Hope Preparatory School, was remodeled in 1945 into a modern residence hall, adequate for more than thirty women.

BEACH COTTAGE AND FAIRBANKS COTTAGE, formerly the homes of the Emersonian and Fraternal men's literary societies, now accomodate approximately fifty women students.

WEST HALL, formerly Holland's East Junior High School, was leased by the college in 1946 and transformed into a dormitory for Freshmen women. It accomodates approximately seventy women students.

Plans for a new residence hall for women, to house between two hundred and two hundred and fifty students, and to provide dining facilities for six hundred, have been approved by the Board of Trustees and the building will be erected in the immediate future. Upon its completion, all of the present halls except Voorhees Hall will be converted into men's housing units or will be used for other college purposes.

MEN'S HOUSING

Out of town students are housed either in housing facilities owned or leased by the college or in private homes in the section of the city near the campus. The Dean of Men is director of the housing program for men students.

Eighty college men are housed in Zwemer Hall, the men's dormitory of the Western Theological Seminary. A

part of this building has been leased by the college to provide housing for men students and also to provide space for the workshop of the college dramatics program.

To help Hope College accomodate veterans seeking admission to college, the National Housing Agency has provided temporary residence units that have been erected on the campus. One such unit, known as the "T" Dormitory, provides comfortable living accommodations for sixty-four former service men in furnished double rooms. Columbia Court comprises four buildings and houses an additional sixty-four men in sixteen suites. Beach Court comprises six buildings, each of which is divided into four apartments for married students.

DINING FACILITIES

The college maintains two dining halls, one located in Voorhees Hall and the other in the Temple Building. Both dining halls are open to men and women. Meals are furnished at reasonable cost under the supervision of a trained director and dietician. The college reserves the right to increase the board fees at any time it finds it necessary to do so.

SPECIAL SERVICES

COUNSELING SERVICE

Hope College maintains a counseling program that aims at helping each student, from the time he applies for admission to graduation, to solve his personal, academic, and vocational problems.

Pre-college counseling and diagnostic testing are under the direction of Professor A. H. Timmer, Director of Admissions. Each student, upon matriculating at Hope College, is given a series of aptitude and content tests designed to help him make wise academic and vocational decisions.

General academic and personal counseling for Freshmen and Sophomores is provided by experienced faculty counselors under the Director of Counseling, Dr. Clarence De Graaf. Each Freshman is assigned a faculty counselor who assists him in planning his course program, counsels with him periodically on his academic progress, and is available for conferences on personal, academic, and vocational problems. As soon as a student is accepted as a major by a department, the chairmen of that department becomes his advisor. Where students indicate special pre-professional interests, they are given special advisors. The Office of Admissions serves also as the central office for the receiving and publicizing of vocational information.

The Dean of Women, Dean of Men, and Dean of the College are available for consultation at all times with parents and students.

PLACEMENT SERVICE

STUDENT PART TIME EMPLOYMENT. There is a limited amount of part time employment for students both on the campus and in local business establishments. A Faculty committee is in charge. Inquiries by new students should be addressed to the Office of Admissions.

TEACHER PLACEMENT. Professor Garrett Vander Borgh, Chairman of the Education Department, is director

of the Bureau of Teacher Placement. Students working toward receiving Elementary or Secondary Teaching Certificates are requested to file their credentials at the Bureau during the first semester of their senior year.

SENIOR PLACEMENT. A central clearing house for information on positions for graduates other than openings in public school teaching is maintained in the Office of Admissions. Chairmen of the various academic departments are the chief agents for the placing of their majors in graduate or professional schools.

HEALTH SERVICE

Clinic and infirmary care is offered to every enrolled student of Hope College in the Student Health Clinic. The clinic staff consists of the college physician, Dr. Abram Leenhouts, who holds clinic hours every morning except Sunday from 8:30 to 12:00; a full time nurse who is in charge of the health service; two part-time graduate nurses; and a cook and housekeeper.

Free clinic service consists of an examination by the college physician when a student reports for illness, and the administration of ordinary clinic medicines. Major surgery, hospitalization, special physician's fees, x-rays, and special drugs must be paid for by the student. Infirmary care at \$1.00 per day is provided for all students needing bedside care. Sick students do not remain in the dormitories but are required to enter the infirmary, which has two pleasant four-bed rooms. One room is reserved for college men and the other for college women. Parents are notified by infirmary authorities whenever any student is considered to be seriously ill or whenever surgery is advised.

STUDENT ACTIVITIES

RELIGIOUS ORGANIZATIONS

The central religious organizations on the campus are the YOUNG WOMEN'S CHRISTIAN ASSOCIATION and the YOUNG MEN'S CHRISTIAN ASSOCIATION. Meetings of these two organizations are held every Tuesday evening at 7:15 o'clock in the beautiful rooms set apart for them on the first floor of the Memorial Chapel. All students are urged to become members of these organizations. The two associations cooperate to direct and administer the program of religious activities of the student body. The highlight of the year is the annual Religious Emphasis Week, sponsored and conducted by the two groups.

In addition to the two Y.'s, there are two other religious groups. ALPHA CHI is an organization of students who are preparing themselves for the Christian ministry. KAPPA DELTA is an organization of young women who are preparing for full-time Christian service. Meetings of each of these groups are held monthly for discussion and inspiration.

STUDENT CLUBS

There are a number of student organizations on the campus designed to offer students with similar special interests the opportunity of meeting together for their mutual help and advancement. The CHESS CLUB and the CAMERA CLUB are active hobby clubs. The MUSICAL ARTS CLUB and PALLETTE AND MASQUE, the college dramatic club, are active in promoting activities in the area of these fine arts. The INTERNATIONAL RELATIONS CLUB holds bi-monthly meetings for all students who are interested in discussing the underlying principles of international conduct, law, and organization. There are various departmental clubs, such as the FRENCH, GERMAN, SPANISH, BIOLOGY, CHEMISTRY, ENGLISH, and PHILOSOPHY CLUBS, open to students who are majoring or have a special interest in these fields of study.

The WOMAN'S ACTIVITIES LEAGUE, for all women students, has as its function the promotion of co-operation and

friendship among the women of the college, the fostering of high standards of conduct, and the furthering of campus interests and activities among the women. It sponsors annually a number of all-girl or all-campus parties and programs.

FRATERNAL SOCIETIES

A number of social fraternities and sororities, all local, exist on the campus. Each of the women's societies has a separate club room in one of the girls' residence halls. Although they have Greek letter titles they are better known as Delphi, Dorian, Sorosis, Sibylline, and Thesaurian. All women students desiring to join one of these sororities are given the opportunity in the fall of their sophomore year. A special society for all Freshmen girls, called A. S. A., also exists.

There are five men's fraternal organizations: Arcadian, Cosmopolitan, Emersonian, Fraternal, and Knickerbocker. Men students are eligible to join these societies in their freshman year.

A Pan Hellenic Council and an Interfraternity Council are the governing boards of these two groups of societies. On occasions, an Inter-Society Council, composed of representatives from all the societies, meets to act as a clearing house on matters of common interest.

HONOR SOCIETIES

BLUE KEY is a national honor fraternity made up of senior men chosen because of their individual academic attainments combined with their participation in student activities. Their purpose as a chapter is to aid the faculty in the furtherance of all worthwhile collegiate activities.

ALCOR SOCIETY is a local honor society composed of senior women who have measured up to certain academic standards and have been outstanding in character, leadership and service.

STUDENT COUNCIL

To represent the student body in the total college program a STUDENT COUNCIL of sixteen members is chosen annually by the students. The President and Vice President are elected at a general spring election. The other members are chosen from the different classes and the fraternal societies. The Student Council serves as an executive committee to promote student activities, to protect student interests, and to assist in forwarding the program of the college:

MUSICAL ORGANIZATIONS

Students interested in music find abundant opportunity to gratify their desires through membership in one or more of the musical organizations.

The CHAPEL CHOIR, a mixed group of seventy-five voices, sings at morning chapel services and on special occasions.

The WOMEN'S GLEE CLUB and the MEN'S GLEE CLUB of thirty voices each are trained in programs of sacred and secular music. Both clubs take short trips and alternate each year in an extensive concert tour. Membership in Chapel Choir is required for membership in either Glee Club.

The HOPE COLLEGE MESSIAH CHORUS, composed of the above organizations, and augmented by other musically interested Hope College students and faculty, presents Handel's oratorio each Christmas season in the Memorial Chapel.

The MADRIGAL SINGERS are a selected group of mixed voices who sing English madrigals. They make several concert appearances during the year.

The COLLEGE ORCHESTRA accompanies the annual presentation of the Messiah and presents several concerts for the student body and public.

The COLLEGE BAND presents concerts during the year and is active at the various athletic contests.

PUBLICATIONS

There are two major student publications on Hope's campus. The first is the ANCHOR, the college newspaper, which is published every two weeks by a staff of students. The second is the MILESTONE, the college year book, edited and published by a staff chosen from the Junior class of the college. In addition to these, a STUDENT GUIDE, containing the student roster, is published each fall through the Blue Key; and HOPE HI-LITES, a guide-book for all students, is published and distributed at the opening of the fall semester.

ATHLETIC ACTIVITIES

Hope College is a member of the Michigan Intercollegiate Athletic Association, the other members of which are Adrian, Albion, Hillsdale, and Kalamazoo. The association is governed by a Board of Directors, to which each college sends one faculty member and one student member as its representatives. Hope College competes in all the intercollegiate sports of this association, namely: football, basketball, track, baseball, golf, tennis, and cross-country.

An active intramural program for men and women is also maintained. In addition, the women participate in a series of Play Days at various colleges in Michigan.

FORENSICS AND DRAMATICS

Speech extra-curricular activities include intercollegiate competition in all of the contests sponsored by the Michigan Intercollegiate Speech League (MISL), such as annual contests in extemporaneous speaking, group discussion, debate, oratory, and the Prose and Poetry Festival in interpretive reading. Local and state contests are also held in the oratorical and extemporaneous speaking events of the Intercollegiate Peace Association. Hope is the Gamma chapter of PI KAPPA DELTA, national honorary forensic fraternity, whose provincial and national conventions are attended by Hope-ites. Dramatic activities center in

PALETTE AND MASQUE, a dramatic group which produces both one-act and full-length plays before campus and off-campus groups.

ALUMNI ASSOCIATION

The Hope College Alumni Association is the organization of all Hope graduates and former students, the Alumni Magazine being the medium of contact among the alumni throughout the world.

Officers:

<i>President</i>	Dr. John Heneveld, Muskegon
<i>Vice President</i>	Mr. Howard R. Sluyter, Grand Rapids
<i>Secretary</i>	Miss Mildred Schuppert, Holland
<i>Treasurer</i>	Mr. Garrett Vander Borgh, Holland
<i>Directors</i>	Mr. Randall Bosch, Holland
	Mrs. Margaret Trompen Beuker, Marshall
	Mr. Willard C. Wichers, Holland

An Office of Alumni Relations is maintained at Hope College in Van Raalte Hall. The Director is Mr. Willard Wichers; the Associate Director is Mrs. Marian Anderson Stryker.

The Alumni of Hope College are urged to associate themselves with the nearest Hope Alumni Chapter. Hope Chapters are located in New York City; Albany, New York; Rochester, New York; Grand Rapids, Michigan; Muskegon, Michigan; Kalamazoo, Michigan; Holland, Michigan; Detroit, Michigan; Chicago, Illinois; Cedar Grove, Wisconsin; Orange City, Iowa.

PART III

ADMISSION

GENERAL ACADEMIC REGULATIONS

READING COURSES

HONORS

REQUIREMENTS FOR GRADUATION

ADMISSION

APPLICATION FOR ADMISSION

All applications for admission to Hope College should be made to the Director of Admissions, Hope College, Holland, Michigan. Necessary admission forms will be mailed upon request. Applicants are urged to submit preliminary applications as soon as possible after the junior year of high school.

Hope College has a program arranged to admit students for either the first or second semester of each school year or the annual summer school. Admission is based on positive evidence of acceptable intellectual capacity, high purpose, and good character. The college will therefore consider each applicant for admission in terms of such characteristics.

As a preliminary step for admission, every candidate is urged (1) to examine the college bulletin for basic information pertinent to the vocational objective of the prospective student, (2) to study "Aims and Objectives" and "College Regulations" on pages 20-23, with a view to acceptance of them, (3) to read statement of requirements for admission.

It is the responsibility of each applicant to see that the following items are received by the Director of Admissions:

1. Completed Admission Form filled out by the student.
This Form is available upon request.
2. Official transcript of the high school record. The high school principal will mail the transcript to the college at the request of the student. Applicants who are accepted on the evidence of three or three and one-half years of high school grades are admitted on the condition that the supplementary record covering the rest of their high school course remains satisfactory.
3. A statement of recommendation from the principal or high school counselor.
4. A letter of character reference from a teacher, business executive, or religious leader.

5. Official transcript of credits from any school(s) attended after graduation from high school plus a statement from the office of the last of such schools attended that applicant is withdrawing in good standing.
6. Medical statement issued by a regularly licensed physician, preferably the family doctor. Medical Form is available upon request.
7. Each application is to be accompanied by a \$10 admission or matriculation fee. The fee, except for a \$3 processing charge, is refundable to applicants whose admission requests are not approved.

REQUIREMENTS FOR ADMISSION

The college will consider for admission to the Freshman Class:

1. Graduates of accredited secondary schools (four-year high schools, three-year senior high schools, and academies):
 - a. Who in general rank academically in the upper half of their high school class. Exceptions to this will be considered only upon adequate evidence from references and/or scholastic aptitude tests.
 - b. Who present 15 units or more for college entrance, at least 10 units of which are academic units. A unit is defined as a subject pursued through a school year with not less than four recitation periods each week for a total of not less than 120 hours of class work. Graduates of three-year senior high schools should include the units earned in the last year in junior high school in totaling the 15 or more units. Of the 10 or more required academic units, three or more must be in English and seven or more units from three of the following groups: foreign languages, mathematics, sciences, and social sciences.
2. Graduates of secondary schools other than those designated above, provided they too rank in upper half of

their high school class and can present 15 or more units as described in 1b. Such applicants may be admitted on satisfactory recommendations from the Administration of their respective schools or/and by scholastic aptitude tests.

3. Persons 21 years or older, not graduates of high schools. Such applicants may be tentatively admitted on the basis of acceptable references and/or examinations. Full college status will be granted such persons upon demonstration of ability to do college work successfully during the trial year.
4. Service men and women of World War II or the Post-War period, honorably discharged or released from military duties, who in terms of available records and/or by examinations evidence ability to pursue college work successfully. Hope College is approved for veterans who plan their education under the privileges provided by the G. I. Bill of Rights (Public Law 16 or Public Law 346).

ADMISSION TO ADVANCED STANDING

Students who have completed academic courses at other institutions of recognized collegiate rank and of accredited status may be admitted to Hope College with advanced standing. Such applicants must present to the Office of Admissions a transcript of work completed on the college level, a statement of honorable dismissal, and a letter of character reference.

Hope College reserves the right to accept only such courses of advanced standing as comply with the requirements established for graduation. Not more than sixty-four semester credit hours will be allowed for junior college work.

Students of advanced standing from non-accredited colleges may be granted tentative admission on the basis of the nature of academic work completed, statement of honorable dismissal, letter of reference and/or examination.

GENERAL ACADEMIC REGULATIONS

SYSTEM OF GRADING

Each student receives a grade in his courses at the middle of the semester and at the close of the semester. The mid-semester grades do not appear on a student's transcript; they are designed to give the student an indication of his progress. In the case of unsatisfactory or borderline achievement, the student may be put on probation and his parents so informed.

The system of grades is as follows:

Grade	Significance	Quality Points
A	Superior	4 per sem. hr.
B	Good	3 per sem. hr.
C	Average	2 per sem. hr.
D	Weak but passing	1 per sem. hr.
F	Failure	0
I	Incomplete	

INCOMPLETES AND FAILURES

An incomplete (I) is given only when circumstances do not justify giving a specific grade. It must be removed within the first nine weeks of the semester following the one in which the incomplete was received. If not removed within this time, the incomplete becomes a failure (F).

A failure (F) cannot be removed from a student's record. However, a student may take the course a second time. If he passes the course, the passing grade will appear beside the failure on his transcript. A student failing a course required for graduation should repeat the course the next time it is offered.

WITHDRAWAL FROM COLLEGE

Freshmen failing in two-thirds or more of their semester hours at the end of their first semester will be required to withdraw for one semester. Freshmen at the end of the second semester and all other students at the end of any

semester failing in one-half or more of their work will be requested to withdraw for one semester.

In order to assure himself of an honorable dismissal from college, a student who wishes to withdraw from college during the course of a semester must obtain a Withdrawal card from the Registrar. This card must be signed by the Treasurer and the Dean of the College.

CHANGE OF COURSES

Students are urged to study the course offerings carefully before registration so that their course program for a given semester need not be changed. The following limitations are placed on changing of courses:

ADDING OF COURSES: No student may enter a new course after the end of the second week of the semester.

DROPPING OF COURSES: No student is permitted to drop a course without failure except with the approval of the instructor and counselor, and then only within the first four weeks of the semester. A Freshman, however, will have until the mid-semester grades of his first semester in attendance have been reported. Courses dropped after the time limit will be recorded as failures. Under unusual circumstances appeal may be made to the Administrative Committee.

STUDENT LOAD

The normal student load is sixteen hours per semester. Permission to take more than a normal load is based upon the student's previous academic record. Seventeen hours may be granted by the counselor. Application for more than seventeen hours must be made to the Administrative Committee. Under no circumstance will a student be permitted to take more than nineteen semester hours. Students carrying a work program along with their studies are advised to reduce their academic load. Students carrying more than a normal load must pay a fee of \$7.50 for each semester hour in excess of sixteen.

CLASSIFICATION

To be eligible for classification as a sophomore, a student must have to his credit twenty-four semester hours.

To be eligible for classification as a junior, a student must have sixty-two semester hours.

To be eligible for classification as a senior, a student must have ninety-four semester hours.

CLASS ATTENDANCE

Regular attendance in all classes is required. A student is responsible for all work missed during his absences from classes regardless of whether the absences are excused or unexcused. Excessive unexcused absences are penalized by loss of credit.

Unavoidable absences due to illness, death in family, difficulty in transportation, and other emergencies may be excused by the Faculty Committee on Absences provided the student files written application for an excuse at the Dean's Office within three days after he returns to school. The application should state dates of all classes missed and reasons for the absences.

Absences incurred while acting as a representative of a recognized and regularly scheduled activity of Hope College shall be excused provided the faculty sponsor of the activity signs the application indicating his approval of the absence.

READING COURSES

Reading Courses provide opportunity for advanced work by Seniors of outstanding ability. Reading Courses may serve various purposes: to offer a mature student a course not regularly given, to challenge capable students to their highest achievement, or to introduce the student to the methods of graduate school study and research. The work is done under the supervision of, and in conference with, a member of the selected department. The name of the applicant, together with the plan of the course to be pursued must

be recommended by the head of the department in which the work is to be done to the Educational Policies Committee for approval not later than the second Friday after the opening of the semester. A typewritten copy of the paper or thesis presenting the completed study must be submitted to the head of the department, to be filed with the college librarian, before credit is granted. Two hours credit shall be granted for a semester course.

HONORS

GRADUATION HONORS

Graduation honors will be conferred according to the following regulations:

The degree of Bachelor of Arts, Summa Cum Laude, will be conferred upon such as have met all the requirements and attained an average grade of 3.87 quality points, with no grade below "B."

The degree of Bachelor of Arts, Magna Cum Laude, will be conferred upon such as have met all the requirements and attained an average grade of 3.6 quality points, with no grade below "B."

The degree of Bachelor of Arts, Cum Laude, will be conferred upon such as have met all the requirements and have attained an average grade of 3.3 quality points, with no grade below "C."

In no case will an honor degree be awarded to any student who has not taken at least two years of his course in residence at the institution.

SENIOR HONORS

The faculty of Hope College each May select a group of Seniors, not exceeding ten percent of the graduation class, who in their opinion have given the greatest promise, through their academic achievement and campus service, of achieving signal success in their chosen professions. These Seniors are recognized at a special honors assembly held in May.

REQUIREMENTS FOR GRADUATION

SEMESTER HOURS AND QUALITY POINTS

One hundred twenty-six hours of college work and a quality point average of 2.00 are required for graduation. The quality point average shall be determined by dividing the total number of quality points earned by the total number of hours in which a student has received a grade.

RESIDENCE

No degree will be conferred upon anyone who has not spent his senior year at Hope College.

PHYSICAL EDUCATION

Seventy-two clock hours of Physical Education are required of each student before graduation. This requirement should be met in the Freshman year. Veterans of World War II are exempt from this requirement.

COURSE REQUIREMENTS

The following specific courses are required for graduation:

Religion and Bible 11, 31, 51, 71

English 11*, 12, 31, 32

Speech 11

Psychology 31

*Students exempted from English 11 should consult the Chairman of the English Department.

GROUP REQUIREMENTS

In addition to the specific courses mentioned above, each student must select and receive passing grades in:

I. Eight semester hours of courses from the Departments of Biology, Chemistry, Mathematics, and/or Physics.

II. Six semester hours of courses from the Departments of History, Psychology, Economics, Philosophy, Political Science, and/or Sociology.

III. A sufficient number of semester hours in one foreign language to fulfill the foreign language requirement.

Students are urged to complete these course requirements and group requirements in their Freshman and Sophomore years, with the exception of Bible and Religion 51 and 71.

FOREIGN LANGUAGE REQUIREMENT

To fulfill the language requirement for graduation, a student must attain a level of proficiency equal to two years of a foreign language on the college level. Specifically, this means that:

- I. Students entering with no foreign language background must take two years (elementary and intermediate) of a foreign language.
- II. Students entering with one or more years of foreign language in preparatory school may choose to study:
 - A. A different foreign language. In this case he would take two years of that language.
 - B. The same foreign language he had previously studied. In this case he will be given an opportunity to demonstrate the level of proficiency he has attained in his preparatory training and will be enrolled at the proper level. He will continue in that language until he has completed the intermediate course. Completion of this course signifies completion of the language requirement.

FIELD OF CONCENTRATION

To provide organization and some intensive work in his general training, the student must, at the close of the sophomore year, declare a field of concentration. Normally this will mean that he will choose a department in which to do his major work. However, in order to meet some special cultural or vocational end, a composite major may be substituted. The major may be changed with the consent of the heads of the departments involved and the Director of Counseling.

DEPARTMENTAL MAJOR: A student wishing to be accepted as a candidate for a major in a department must submit a written application to the chairman of that department by the end of the sophomore year. If he is accepted, the chairman or a designated member of that department becomes his advisor for the remainder of his college work, and with the student works out the academic program. In Part V of this catalog, along with a listing of the course offerings, are found the specific requirements for a major in the various departments. These requirements must be met for graduation. No student may elect more than 45 semester hours from the offerings of one department.*

COMPOSITE MAJORS: A composite major requires the approval, in advance, of the Educational Policies Committee except in the case of composite major programs for which general approval has already been granted. Such composite majors must have a concentration of at least 18 hours in one department. At present only three composite majors are approved, as follows:

1. For elementary school teachers: A minimum of thirty semester hours of recommended courses in one of the following areas:
 - a. Fine Arts (Music and Art)
 - b. Language (English, Library Science and Speech)
 - c. Social Studies (History, Political Science, Psychology, and Sociology)
 - d. Natural Science (Biology, Health and Physical Education)

*The concept of the major given in this paragraph was adopted January, 1948, and goes into effect for all students who entered Hope College after June, 1946. Those who entered prior to that time are permitted to conclude their college program under the former requirements for a major and two minors.

Students should study the requirements for Elementary Teacher's Certificate and consult the elementary education advisor by the end of the freshman year. It is possible under this arrangement to satisfy certification as described on page 76.

2. For pre-theological students: Twenty hours in English, sixteen hours in Greek, sixteen hours in Philosophy, nine hours in Speech, nine hours in History, five hours in Psychology, three hours in Sociology, and two hours in Music. Consult page 113 where the suggested curriculum is given in detail.
3. For foreign language majors: A composite major in foreign languages requires a total of thirty semester hours in two foreign languages beyond the elementary courses; seventeen of these hours must be in one language, and thirteen in the other.

TRANSCRIPT OF RECORD

A student who is graduated or granted an honorable dismissal from college is entitled to one certified transcript of his record. A fee of \$1.00 is charged for each additional copy.

PART IV

EXPENSES

FEEES

PAYMENT OF FEES

REFUND POLICY

STUDENT AID

SCHOLARSHIPS

GRANTS IN AID

LOANS

PRIZES AND AWARDS

EXPENSES

FEEES

GENERAL SEMESTER FEEES

Over-all fee for boarding students (Tuition, room and board)	\$350.00
Tuition fee	135.00
Room only	70.00
Board only	155.00
Tuition fee per semester hour above normal load of sixteen semester hours	9.00
Per hour fee for less than minimum load of twelve semester hours	11.25

SPECIAL FEEES

Matriculation fee (paid by each student upon admittance to Hope College)	10.00
Organic Chemistry laboratory fee	10.00
Laboratory fee for other science courses	5.00
Secretarial Education course fee	15.00
Practice Teaching fee	15.00
Applied Music fees:	
Organ—one thirty-minute lesson per week	40.00
Piano, Voice, or Instrument—one thirty- minute lesson per week	30.00
Piano Ensemble	2.50
Late registration fee	5.00
Diploma fee	10.00

VETERANS. INSTITUTE FEEES

Fee for full load of twenty-five hours per week	14.70
Fee per hour if less than twenty-five hours per week	.588
These fees include the cost of tuition, books, supplies, and equipment.	

PAYMENT OF FEEES

All bills are due and payable at the beginning of the semester at the Office of the Treasurer, Van Raalte Hall.

Veterans will be required to execute Veterans Administration Form 1950-A.

REFUND POLICY

The following policy for refunding money to students who withdraw from school during the course of the semester will be adhered to:

1. Room deposits are not refundable. No portion of a student's room rental will be refunded if the student leaves after he has registered for the semester.
2. Tuition refunds for students who withdraw during the course of the semester are as follows:

If the student is in attendance from date of registration

Less than two weeks	80% refunded
Between two and three weeks	60% refunded
Between three and four weeks	40% refunded
Between four and five weeks	20% refunded
Five weeks or more	none refunded

3. Board refund. The accounts of students changing boarding plans after registration will be adjusted only on a six weeks basis. A charge of \$60.00 will be made to those boarding six weeks or less; \$115.00 to those boarding between six weeks and twelve; and the full charge to those boarding more than twelve weeks.

STUDENT AID

SCHOLARSHIPS

A number of scholarships are available to students of Hope College. As the term indicates, the basis for the awarding of scholarships is evidence of superior scholarship in the academic record of the applicant. Scholarships are granted by a faculty committee upon application by the student, and are for one year only. For students who are at present enrolled at Hope College, application forms may be secured from Professor Clarence Kleis, chairman of the Scholarship Committee, and must be submitted by May 15, to receive action for the following school year. For students not enrolled at Hope College, application forms may be secured from the Office of Admissions and must be submitted by May 1 to receive action for the following school year.

A number of special scholarship funds have been established.

ESTELLE BROWNING MCLEAN SCHOLARSHIP FUND was established by the generosity of Mr. C. M. McLean, a former member of the Board of Trustees. It is a fund of \$10,000, the income of which is to be used to aid worthy students who meet certain conditions outlined in the will.

THE WOMAN'S BOARD OF DOMESTIC MISSIONS offers five scholarships of one hundred dollars each to girls who are preparing for definite Christian service.

THE WILLIAM F. PETERS SCHOLARSHIPS. Two scholarships of one hundred dollars each are offered in memory of William F. Peters. One is awarded to a member of the Junior Class, and one to a Senior. The award is made by the faculty on the basis of scholarship and financial need.

THE BOARD OF EDUCATION, R. C. A., assists needy college students who meet certain academic requirements and who are preparing for the Gospel ministry. Students interested can secure information by writing the Board of Education, R. C. A., 156 Fifth Avenue, New York City.

HOPE COLLEGE FRESHMAN SCHOLARSHIPS. A limited number of scholarship grants are available each year to young women and men of the incoming Freshman Class. These awards are made on the basis of the high school academic record, rank in high school graduating class, leadership, character references, vocational aim, and financial need. The scholarships are for one year. Applicants can secure a Scholarship Application Form by writing to the Office of Admissions of Hope College. These forms must be filled out and submitted not later than May 1 to be considered for the following school year.

MUSKEGON ALUMNI SCHOLARSHIP. The Muskegon chapter of Hope College Alumni provides an annual scholarship covering tuition for a high school graduate from the area of the Muskegon Classis.

APPLIED MUSIC SCHOLARSHIPS

FRESHMAN SCHOLARSHIPS. A scholarship is awarded each year in each of the following applied-music areas: piano, organ, and voice, to three members of the freshman class. The scholarship consists of one lesson per week throughout the freshman year. The awards are determined by a competitive tryout at the beginning of the fall term.

GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE is awarded each year to the junior or senior music major who, in the opinion of the Music Faculty, has proved himself worthy of such a scholarship, under the following conditions:

- (a) He has been in residence at Hope College for two years.
- (b) He maintains a good general academic record during the year the scholarship is granted and does superior work in his applied music field. Failure to do so means immediate termination of the scholarship.

The scholarship is for one lesson per week throughout the

year or two lessons per week for one semester. A student may receive the scholarship for one year only.

SCHOLARSHIP IN PIANO is awarded to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

SCHOLARSHIP IN ORGAN is awarded to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

GRANTS IN AID

In addition to scholarships, certain funds have been established to aid students who do not meet the scholastic requirements for a scholarship but who for other reasons have been considered worthy of financial assistance. Application for such grants in aid must be made to the Chairman of the Scholarship Committee in the same manner and under the same time limitations as the applications for scholarships.

THE BOARD OF BENEVOLENCE, REFORMED CHURCH IN AMERICA, was organized to assist young men and young women in preparation for definite Christian work in the Reformed Church in America. Young men can receive aid during the first year in college; young women may receive aid during their college course. Students interested should contact or write for the necessary blanks to Professor A. E. Lampen, Secretary, in care of Hope College.

LOANS

Loans are made by the First National Bank of Holland, Hope College Loan Service. Written application for a loan must be made at the bank at least one month before the close of the semester in which the loan is to be used. At least one fourth of the amount borrowed in any school year should be repaid during the following summer. The interest rate is six per cent.

PRIZES AND AWARDS

SOUTHLAND AWARD, a gold medal with the seal of Hope College, to be known as the Gerrit H. Albers Gold Medal, is awarded to the young woman of the senior class who, in the judgment of a designated committee of the faculty, has maintained the highest standard of all-around scholarship, character, and usefulness during the four years of her college course.

A. A. RAVEN PRIZE IN ORATORY was established by Mr. A. A. Raven in 1908. The prize consists of two awards, one of thirty dollars and the other of twenty dollars for the best orations on a subject of patriotic nature delivered by male students of Hope College. The winner of the first award represents the college at the contest of the Michigan Intercollegiate Speech League.

ADELAIDE PRIZE IN ORATORY is a prize of twenty-five dollars awarded to the winner of an oratorical contest open to all women students on the campus. The winner represents the college in the Michigan Intercollegiate Speech League Oratorical Contest.

DR. J. ACKERMAN COLES DEBATING PRIZE, established in 1909, is a number of awards given to upper-class debaters who have achieved special distinction in Pi Kappa Delta. The granting of the award is under the supervision of the speech faculty and the Pi Kappa Delta Council.

FRESHMAN BIBLICAL PRIZES. Two prizes, a first prize of fifteen dollars and a second prize of ten dollars, are given to the students of the Freshman Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. This essay is a regular part of the Freshman Course in Bible.

SOPHOMORE BIBLICAL PRIZES. The Men's Adult Bible class of the Reformed Church of Coopersville, Michigan, donated the sum of five hundred dollars, the income of which

is awarded as annual prizes in the Department of Bible to the students of the Sophomore Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. First prize is fifteen dollars; second prize, ten. This essay is a regular part of the Sophomore Course in Bible.

JUNIOR BIBLICAL PRIZES. Annual prizes of fifteen dollars for first prize and ten dollars for second prize are given to the students of the Junior Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. This essay is a regular part of the Junior Course in Bible.

SENIOR BIBLICAL PRIZES. Mr. Daniel C. Steketee has donated a fund, the income of which is used as prizes for meritorious work in the Department of Bible. The prizes are awarded to students of the senior class who submit the best essays on some subject connected with the senior course in Philosophy of the Christian Religion. This essay is a regular part of the senior course in this subject.

ADELAIDE MISSIONS MEDAL is given to the member of the senior class of Hope College who goes directly from the college into the foreign field under permanent appointment by the Board of Foreign Missions of the Reformed Church in America.

FOREIGN MISSIONS PRIZE of twenty-five dollars, founded by Mrs. Samuel Sloan of New York City, is awarded to the college student who writes the best essay on foreign missions.

BOARD OF EDUCATION PRIZE. The Board of Education of the Reformed Church in America has established a prize of twenty-five dollars for the best essay on the general topic of "Christian Education." The contest is open to members of the junior and senior classes. Contestants must register for the contest before the opening day of the second semester and essays must be handed in by May 1.

GEORGE BIRKHOFF, JR. PRIZE of twenty-five dollars is awarded annually for the best essay in the field of American and English literature. The subject is chosen by the faculty; it is related to the class room work done in one of the literature classes open to junior and senior students.

ALMON T. GODFREY PRIZE IN CHEMISTRY. By provisions of the will of Dr. B. B. Godfrey, the sum of five hundred dollars was donated in memory of his son, Professor Almon T. Godfrey, Professor of Chemistry from 1909 to 1923. The interest on this sum is given annually at commencement to the senior student chosen the outstanding student in chemistry.

PATTERSON MEMORIAL PRIZE IN BIOLOGY represents an effort on the part of devoted students of Doctor Patterson to perpetuate his memory. They have sponsored a cash prize of twenty-five dollars that is given at commencement to a superior student with a major interest in biology whom the Hope College faculty deems most worthy of this award.

DOUWE B. YNTEMA PRIZE of twenty-five dollars is awarded a senior student who has been chosen the outstanding student in physics.

MUSIC AWARD is given by the Girls' Glee Club to the senior who, in the judgment of a faculty committee, has contributed the most to the musical life of the campus through individual effort, participation in musical organizations, and study in the music department.

DR. OTTO VANDER VELDE ALL CAMPUS AWARD is given to the senior man chosen by the faculty Athletic Committee for his outstanding contribution to the college in athletics, scholarship and participation in student activities. To be eligible, he must have earned at least three major athletic letters.

HOEKJE-POOLE MEMORIAL PRIZE. Mr. and Mrs. John C. Hoekje have established a prize of twenty-five dollars to

be given to the member of an athletic team in his junior year at college who, in the opinion of a designated faculty committee, has shown the greatest development in Christian living during the current year and has made a significant contribution to the religious life of the campus.

MICHIGAN COLLEGE FELLOWSHIP. The University of Michigan has established fellowships which are awarded annually to a selected number of colleges in Michigan. The faculty of Hope College nominates an outstanding member of the graduating class to be the recipient of this fellowship award for graduate study at the University of Michigan.

SUBJECTS FOR ESSAY PRIZES, 1948-1949

Freshman Biblical Prize—"A Biblical Study of Mary, the Mother of Jesus."

Sophomore Biblical Prize—"The Resurrection of Christ in Apostolic Preaching."

Junior Biblical Prize—"A Character Study of David."

Senior Biblical Prize—"A Comparative Study of the Doctrine of the Person of Christ in the Jehovah's Witnesses and the Christian Faith."

Foreign Missions Prize—"Christian Missions Among the Germanic Tribes."

George Birkhoff Jr. English Prize—"English Romantic Poets and Social Reform."

PART V

DEPARTMENTS OF INSTRUCTION

DESCRIPTION OF COURSES

SUGGESTED CURRICULA

AERONAUTICS

The courses for which the Mathematics and Physics Departments give credit may be applied toward the 126 hours needed for graduation. The remainder will receive college credit, but not to be counted toward the A. B. degree. The fee for the flight training is \$8.50 per hour solo and \$11.50 per hour dual. Students electing to take the course without flight may substitute additional class preparation.

11. AERONAUTICS.

Three hours of classwork per week and ten hours of flight during the semester. The course includes basic principles of Theory of Flight, Navigation, Meteorology and Civil Air Regulations. Includes essentials necessary to pass U. S. Government Ground Examination for Private Pilot's License.

First semester.

Credit, three hours.

12. AERONAUTICS.

Three hours of classwork per week and ten hours flight per semester. Course includes advanced work in Navigation as related to aeronautics.

Second semester.

Credit, three hours.

31. AERONAUTICS.

Two hours of classwork per week and ten hours of flight. The course includes advanced work in Meteorology.

First semester.

Credit, two hours.

32. AERONAUTICS.

Three hours of classwork per week and ten hours of flight. The course includes advanced work in Theory of Flight.

Second semester.

Credit, two hours.

51. AERONAUTICS.

Two hours of classwork per week and ten hours of flight. This course is designed to prepare students for teaching of Aeronautics or to take U. S. Government Ground Examination for Commercial Pilot's License.

First semester.

Credit, two hours.

ART

The courses in art are designed, first, to give students the opportunity to grow in their appreciation of art as a form of creative expression through a study of art masterpieces and through actual practice in the various media of the pictorial arts; and second, to provide the groundwork for those who wish to make art their chosen life work.

31, 32. ART STRUCTURE.

A course designed for the beginning student, it covers the language of art, artistic expression and media, elementary composition, and drawing in the studio. One hour of lecture and three of studio per week. Open to Freshmen.

Throughout the year.

Credit per semester, two hours.

51, 52. ART HISTORY AND APPRECIATION.

The study of art through the ages and its relation to modern living and painting. Beginning with pre-historic art, the course surveys the history down to modern times. Studio work includes drawing and painting in various media. Prerequisites: Art 31, 32.

Throughout the year.

Credit per semester, two hours.

61. DRAWING AND PAINTING.

A studio class for students who have taken Art Structure and desire additional training in drawing and painting. Watercolor, gouache, tempera, and oils are used in painting from model and from still life or landscape. Prerequisite: Art 31, 32, or permission of the instructor. Four clock hours per week.

First semester.

Credit, two hours.

62. THE ART OF PAINTING.

For advanced students. Painting in any desired medium, including advanced composition and rendering of finished paintings or illustrations as well as landscapes. Prerequisites: Art 61. Four clock hours of studio work per week.

Second semester.

Credit, two hours.

77. PUBLIC SCHOOL ART.

This course teaches the aims and objectives of Art in the elementary public school, the use of the elements and principles of art instruction in the class room and how art may be correlated with other classroom subjects. Students work with crayons, easel and poster paints, water colors, ink, finger paint, paper and clay. The course includes the study of color and design and their application, free illustration and the child's interpretation, creative expression, composition, appreciation, figure drawing, lettering, posters, and the construction of favors and decorations for special days. A brief course of study will be planned for the grades in which the student is most interested.

Second semester.

Credit, two hours.

BIOLOGY

Biology is the science of life. Since the purpose of a college education is preparation for more abundant living, students should acquire sufficient training in Biology, (1) to understand the basic principles of all life, and (2) to apply these to the structure and function of their own bodies. The first-year courses in this department and Physiologic Hygiene provide this necessary cultural background. Students preparing for medical technology, dentistry, or medicine should consider the pre-medical program as outlined on page 115. Additional courses are offered for broader perspective and preparation.

MAJOR: Students majoring in Biology qualify for biological and medical research, and teaching positions in secondary or higher education. Their course sequences must be approved by the Head of the Department. Students majoring in Biology must take a minimum of twenty-five hours in the department.

For primary teachers preferred courses in Biology are: 11, 21, 33, 34, 52, 61.

11. PRINCIPLES OF BIOLOGY.

Fundamental principles with major emphasis on the animal world, the most important structural features and functions of parts, relations to man, to each other, and to the environment. Intended for all students as a cultural background and basis for advanced work. Three classroom periods and one three-hour laboratory period.

First semester.

Credit, four hours.

12. PRINCIPLES OF BIOLOGY.

A continuation of 11 primarily for all science students. Major emphasis is placed on the biology of man and the vertebrates. Laboratory work centers around a detailed dissection of the frog. Two classroom periods and two three-hour laboratory periods.

Both semesters.

Credit, four hours.

21. GENERAL BOTANY.

Structure, physiology, embryology and ecology of plants with emphasis on seasonal living materials. Biology 11 is recommended to precede this. Two classroom periods and two three-hour laboratory periods.

Second semester.

Credit, four hours.

22. GENERAL BOTANY.

A continuation of 21 for pre-forestry and other interested students. The work includes a survey of the plant kingdom. Two classroom periods and two three-hour laboratory periods.

First semester.

Credit, four hours.

31. GENERAL PARASITOLOGY.

A survey of protozoan, helminthic, and arthropod parasites as causative agents or vectors of disease. Prerequisites: Biology 11 or equivalent. Two classroom periods and one three-hour laboratory period.

First semester.

Credit, three hours.

32. COMPARATIVE ANATOMY OF VERTEBRATES.

A selected series of vertebrate types is studied. Two classroom periods and two three-hour laboratory periods. Prerequisites: Biology 11, 12.

Second semester.

Credit, four hours.

33. NATURE STUDY.

A practical course dealing with seasonal plants and animals, their habits, life histories and relations to their environment. Field trips may be taken in the early morning as well as in the afternoon. They alternate with illustrated lectures and laboratory observations of living forms.

Credit, four hours.

34. PHYSIOLOGIC HYGIENE.

For prospective teachers, nurses, doctor's and dentist's assistants, and all others who desire a general cultural knowledge of the subject. Particular attention is given to the nature, cause, and prevention of common diseases and optimum health maintenance. Not open to pre-medical and pre-dental students. Three classroom periods and one laboratory period. Prerequisite: Biology 11.

Both semesters.

Credit, four hours.

35. HUMAN ANATOMY.

A functional interpretation of human anatomy by means of text discussions, lectures and demonstrations. Primarily for prospective nurses and physical education students, the course is open to all except pre-medical and pre-dental students. Two classroom periods.

First semester.

Credit, two hours.

52. PUBLIC SCHOOL HEALTH.

A practical course in methods, materials, and policies of school health education. Special consideration is given to methods of motivating desirable health conduct at the various grade levels. Required of all prospective primary teachers. Prerequisite: Biology 34.

First semester.

Credit, two hours.

53. HISTOLOGY.

Structure of the cell and its modifications into various tissues. Two classroom periods and one laboratory period. Prerequisites: Biology 11, 12 or Botany 21, 22 and permission to register.

Second semester.

Credit, three hours.

55. VERTEBRATE EMBRYOLOGY.

The lectures deal in a comparative way with the development of vertebrates. The laboratory work deals with the study of embryological specimens of the principal groups of vertebrates. Three classroom periods and two three-hour laboratory periods. Prerequisites: Biology 11, 12.

First semester.

Credit, five hours.

61. GENETICS AND EUGENICS.

A general introductory course dealing with the fundamental principles of heredity and variation and some of their applications to modern problems. Prerequisite: one year college biology. Two classroom periods.

First semester.

Credit, two hours.

63. GENETICS AND EUGENICS.

Similar to 61, but primarily for science students. Two classroom periods.

Second semester.

Credit, two hours.

64. ADVANCED PHYSIOLOGY.

This course deals with the structure, functions, and conditions necessary for the maintenance of the normal activities of the human body. Three classroom periods and two three-hour laboratory periods. Prerequisites: Chemistry 11, 12 and Biology 11, 12.

Second semester.

Credit, five hours.

72. GENERAL BACTERIOLOGY.

This course deals with the fundamentals of bacteriology. Emphasis is placed on morphology, physiology, and distribution of the common forms of bacteria, and the relation of their activities to everyday life, to disease and to the industries. Two classroom periods and two three-hour laboratory periods. Prerequisites: Botany 21, 22, or Biology 11, 12 and permission to register.

First semester.

Credit, four hours.

75. THE TEACHING OF BIOLOGY.

This course consists of two parts: (1) Organization, methods, materials and laboratory procedures used in secondary teaching. (2) Practice in the conducting of a laboratory. Each part may be taken separately for 1 hour credit.

Credit, two hours.

91. SPECIAL PROBLEMS.

This course is designed to give students majoring in biology a chance to do work in a field in which they have a special interest. By special permission of Head of Department.

Both semesters.

Credit by arrangement.

CHEMISTRY

Chemistry is a study of matter and the changes that matter undergoes. Chemical processes underlie practically all of the sciences. Chemical engineering is applied chemistry. Medicine is, to a great extent, the study of the chemistry of life processes. The study of the fundamentals of chemistry is also essential for dentistry, nursing, home economics and agriculture.

Pre-medical students should take at least courses 11, 12, 31, 51 and 52. Courses in physical chemistry are also recommended by some medical schools.

The following schedule should be adhered to as closely as possible by students who plan to specialize in chemistry in the graduate school or industrial chemistry position.

FRESHMAN YEAR

Subject	Semester		Hours
	1st	2nd	
Chemistry 11, 12, or 13, 14	4	4	
English 11, 12	3	3	
German 11, 12	4	4	
Mathematics 13, 14, or 15	3		
Mathematics 16		4	
Bible 11 and Speech 11	2	2	
Physical Education	R	R	
	16	17	

SOPHOMORE YEAR

Subject	Semester		Hours
	1st	2nd	
Chemistry 31, 32	4	4	
German 31, 32	4	4	
Mathematics 31		4	
Physics 31, 32	5	5	
Bible 31	2		
	15	17	

JUNIOR YEAR

Subject	Semester		Hours
	1st	2nd	
Chemistry 51, 52	5	5	
Chemistry 61	3		
Chemistry 76		1	
English 31, 32	3	3	
Bible 51	2		
Psychology 31	3		
Mathematics 54		4	
Elective		3	
	16	16	

SENIOR YEAR

Subject	Semester		Hours
	1st	2nd	
Chemistry 71, 72	3	3	
Chemistry 73, 74	1 or 2	1 or 2	
Chemistry 62		3	
Chemistry 75	1		
Chemistry 81	2 or 3		
Bible 71		3	
Elective	7-9	5-6	
	16	16	

Electives should include six hours of social studies to fulfill requirements for graduation.

The following is a statement of the minimum standards for the bachelor's degree as set up by the American Chemical Society Committee on the Professional Training of Chemists.

1. General chemistry (high school algebra and geometry should be prerequisites) which may include qualitative analysis, comprising the equivalent of thirty weeks of instruction with three hours of lectures or recitations a week, and four to six hours of laboratory a week.
2. Quantitative analysis, comprising the equivalent of thirty weeks of instruction with not less than eight hours of laboratory a week. This course may include some training in qualitative analysis.
3. Physical chemistry (quantitative analysis and calculus should be prerequisites), comprising the equivalent of thirty weeks of instruction with three lectures or recitations a week and three hours of laboratory a week. This course should be given in such a way that calculus is used in the treatment of the subject.
4. Organic chemistry, comprising the equivalent of thirty weeks of instruction, with three hours of lectures or recitations a week and five to six hours of laboratory a week. This course should preferably include some qualitative organic analysis unless a special course in this subject is offered, and must include organic preparations work.
5. Advanced chemistry, comprising the equivalent of thirty weeks of instruction with two lectures or recitations a week and three to four hours of laboratory a week for fifteen weeks. This advanced chemistry may be in one or more of the following subjects—inorganic chemistry, analytical chemistry, physical chemistry, organic chemistry, biochemistry. Two full years of chemistry must be required for admission to such course or courses. For biochemistry, organic chemistry must be a prerequisite.
6. Physics, comprising the equivalent of thirty weeks of instruction with three lectures or recitations a week and three hours of laboratory a week. It is highly desirable to have more than one year of instruction in physics.
7. Mathematics, comprising the equivalent of two years of college work, which must precede the required course in physical chemistry, which must include one year of differential and integral calculus.
8. Foreign languages. A reading knowledge of scientific German is required. French or Spanish is advised as a second language.
9. English. One year of English composition, which should include the writing of some technical papers or reports, is required.
10. Humanities. At least the equivalent of one-half a student's time for one year must be devoted to the study of humanities, which may be interpreted as non-specialized courses other than in the physical sciences and mathematics. This is exclusive of the required English and languages.

Students specializing in chemistry should consult with the head of the department regarding requirements in mathematics and physics. The minimum requirement for a chemistry major is twenty-six semester hours.

11, 12. GENERAL INORGANIC CHEMISTRY.

Classroom, three hours a week; laboratory, six hours a week. The laboratory during the last half of Chemistry 12 will consist of a study of the reactions of the various metals and their salts.

Throughout the year.

Credit per semester, four hours.

13, 14. GENERAL INORGANIC CHEMISTRY.

For students who have had preparatory chemistry. Prerequisites: one year of high school chemistry and one year of high school physics. Classroom, two hours a week; laboratory, six hours a week. The laboratory during the last half of Chemistry 14 will consist of a study of the reactions of the various metals and their salts.

Throughout the year.

Credit per semester, four hours.

31. QUALITATIVE ANALYSIS.

Classroom, two hours; laboratory, six hours. This course includes a discussion of the principles of analysis, having special regard to the theory of electrolytic dissociation and the law of mass action; basic and acid analysis of simple substances, and systematic analysis of unknown compounds, complex mixtures and alloys.

First semester.

Credit, four hours.

32. QUANTITATIVE ANALYSIS. (Introductory course)

Classroom, two hours a week; laboratory, six hours a week. Prerequisites: Courses 11, 12, and 31. This course includes (a) Gravimetric Analysis, a study of the chemical balance in gravimetric methods of analysis, reactions, and theories of analytical chemistry; (b) Volumetric Analysis, the calibration of burettes and pipettes; volumetric determination by precipitation, by neutralization, by oxidation and reduction; and the exact preparation and use of standard solutions.

Second semester.

Credit, four hours.

51, 52. ORGANIC CHEMISTRY.

Classroom, three hours a week; laboratory, six hours a week. This course includes a study of saturated and unsaturated aliphatic compounds, and the aromatic series compounds. The laboratory deals with synthetic preparations and includes some organic qualitative analysis. Prerequisite: Chemistry 31 or 32, preferably both.

Throughout the year.

Credit per semester, five hours.

61. QUANTITATIVE ANALYSIS.

Classroom, one hour a week; laboratory, eight hours a week. This course includes the analysis of limestone, brass, steel, iron, nickel, manganese, and antimony ores, etc.

First semester.

Credit, three hours.

62. ORGANIC CHEMISTRY AND ULTIMATE ANALYSIS.

Lecture, reading and laboratory. Must be preceded by courses 11, 12, 31, 32 and 51.

Second semester.

Credit, three hours.

71, 72. ELEMENTARY THEORETICAL AND PHYSICAL CHEMISTRY.

Lecture and recitation. Chemistry 71 may be elected by premedical students with or without laboratory course Chemistry 73. A knowledge of Calculus is required for Chemistry 72.

Throughout the year.

Credit per semester, three hours.

73. 74. PHYSICAL CHEMICAL MEASUREMENTS.

Preceded or accompanied by Chemistry 71 and 72.

Throughout the year.

Credit per semester, one or two hours.

75. HISTORY OF CHEMISTRY.

Lecture and recitation. Recommended for all students majoring in chemistry. Must be preceded or accompanied by course 51.

First semester.

Credit, one hour.

76. CHEMISTRY OF THE RARER ELEMENTS.

Lecture and literature research. Recommended for all students majoring in chemistry. Must be preceded or accompanied by course 52.

Second semester.

Credit, one hour.

81. ADVANCED ORGANIC CHEMISTRY.

Lecture and literature research. Advanced organic reactions and laboratory preparations. Laboratory four to eight hours.

Credit, two or three hours.

91. SPECIAL PROBLEMS.

This course is designed to give students majoring in chemistry a chance to do work in a field in which they have special interest. By special permission of Head of Department.

Both semesters.

Credit, by arrangement.

ASSISTING IN CHEMISTRY LABORATORY.

Upon the recommendation of the head of the department, a limited number of students who have done meritorious work are permitted to serve as laboratory assistants during their Junior or Senior year. A grade will be recorded on the transcript but no credit will be given toward graduation.

CLASSICAL LANGUAGES

The foreign language requirement for graduation may be met by the study of either Latin or Greek. For a complete statement of the foreign language requirement for graduation, consult page 45 of this catalog. For those planning to enter a theological seminary, Greek is usually required.

MAJOR: A major in Greek may be met by completion of 25 hours of course work within the department, including Greek 55. Majors must secure the consent of the department advisor for their course programs.

A major in Latin may be met by completion of 25 hours of course work in the department, including Latin 71. Those who plan to enter teaching are also required to take Latin 72. In addition, majors must elect History 70, History of Rome.

GREEK

11, 12. ELEMENTARY GREEK.

The introductory study of the Greek language. Attention is given to the structure of the Greek language in order to give the student a new appreciation of what language is. Grammar and translation.

Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE GREEK.

First semester: readings from various Attic sources. Survey of Attic literature. Word-studies and enlargement of vocabulary. Second semester: reading from Plato's Apology and Phaedo.

Throughout the year.

Credit per semester, three hours.

51. READING OF SELECTIONS FROM GREEK ORATORS.

Survey of Greek Orations. Prerequisite: two years of Greek.

First semester.

Credit, two hours.

52. READING OF SELECTIONS FROM GREEK COMEDY.

May be taken independently of Course 51. Prerequisite: two years of Greek.

Second semester.

Credit, two hours.

55. GREEK LITERATURE IN TRANSLATION.

A course designed to inspire appreciation of the varied treasures of Greek literature. No knowledge of the Greek language is required. This course is open to all students and is especially recommended for English and History majors.

Second semester.

Credit, three hours.

71. READING OF SELECTIONS FROM GREEK TRAGEDY.

First semester.

Credit, two hours.

72. READING OF SELECT PASSAGES FROM HOMER,

and review of Homeric literature.

Second semester.

Credit, two hours.

LATIN

11, 12. ELEMENTARY LATIN.

The elements of grammar, reading, some study of English derivatives, and an attempt to make the student aware of cultural implications.

Throughout the year.

Credit per semester, four hours.

31, 32. SELECTED READINGS FROM THE PERIOD OF CAESAR AND CICERO.

Course 31 should normally follow two years of high school Latin.

Throughout the year.

Credit per semester, four hours.

51. READINGS FROM VIRGIL

and other writers of the Augustan period.

First semester.

Credit, three hours.

52. LATIN OF THE CHURCH FATHERS.

Second semester.

Credit, three hours.

53. MEDIEVAL LATIN.

Material from various writers of the time when Latin was the universal language of culture.

First semester.

Credit, two hours.

54. ROMAN PHILOSOPHY.

Readings from Latin philosophical writings.

Second semester.

Credit, two hours.

55. LATIN LITERATURE IN TRANSLATION.

This course seeks to give an appreciation of the varied literary treasures of the Romans. No knowledge of the Latin language is required. This course is open to all students.

First semester.

Credit, two hours.

71. SURVEY OF LATIN LITERATURE.

Designed to be a rapid comprehensive survey of national or classical Roman literature. Required of students who desire a teaching major in Latin or who plan to go into graduate work.

First semester.

Credit, three hours.

72. LATIN WRITING AND TEACHING.

Intended especially for those who plan to teach Latin. Required of teaching majors.

Second semester.

Credit, three hours.

HISTORY OF ROME. See History 70.

ECONOMICS AND BUSINESS ADMINISTRATION

Courses in the combined Department of Economics and Business Administration are allocated below under the two respective fields. Students may qualify for a major in either economics or business administration separately, but not in economics and business administration combined. The program for a major in economics requires a minimum of thirty semester hours in economics; hours earned from electing accounting courses offered under business administration may be included in this total. For a major in business administration, a minimum of twenty-seven semester hours in business administration is required and, in addition, a minimum of eighteen semester hours from courses in economics that are prerequisite or supplemental to the course offerings in business administration. The program of study for a major in either of the two fields must meet with the approval of department advisors.

A—COURSES IN ECONOMICS

31, 32. PRINCIPLES OF ECONOMICS

A general introduction to economic principles, concepts, and problems covering two semesters of study. Prerequisites: For 31, Sophomore standing, and for 32, completion of 31.

Throughout the year.

Credit per semester, three hours.

51. MONEY AND BANKING.

Survey of the country's monetary and banking system including study of money and prices, commercial banks and the Federal Reserve System, monetary standards, and credit control. Prerequisites: Economics 31, 32.

First semester.

Credit, three hours.

52. LABOR ECONOMICS.

An introductory survey of labor economics: basic economic problems of American laborers; history, aims and problems of labor organizations; employer attitudes and practices; and the role of government. Prerequisites: Economics 31, 32.

Second semester.

Credit, three hours.

55. AMERICAN ECONOMIC DEVELOPMENT.

A general survey of economic development in the United States, stressing the period since 1860 and emphasizing interpretative study. Prerequisites: Economics 31, 32. Alternate years, 1949-1950.

First semester.

Credit, three hours.

56. BUSINESS COMBINATIONS AND PUBLIC POLICY.

A study of public interest and policy with regard to monopolistic combinations and practices of business; attention centers upon antitrust laws and activities of the Federal Trade Commission. Prerequisite: Economics 31, 32. Alternate years, 1948-1949.

First semester.

Credit, three hours.

61. ECONOMIC STATISTICS.

Introductory study of statistical methodology basic to economic and business analyses. Topics include tables and graphs, analysis of central tendency and dispersion, index numbers, sampling, time series, and simple correlation. Prerequisites: Economics 31, 32.

First semester.

Credit, four hours.

71. ECONOMIC ANALYSIS.

A systematic account of economic analysis for advanced students, concentrating on questions of market price determination, distribution, economics of the individual firm, monopoly and imperfect competition, consumption, and the theory of capital. Prerequisites: Economics 31, 32.

First semester.

Credit, three hours.

72. BUSINESS CYCLES.

A study of the nature and causes of business cycles with emphasis on alternative explanations and analysis of proposed methods of control. Prerequisites: Economics 61, or consent of instructor. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

74. INTERNATIONAL TRADE.

A survey of the field of international trade relations with special attention given to fundamental theory and present commercial policy and practice. Prerequisite: Economics 31, 32. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

76. PUBLIC FINANCE.

An introduction to principles, practices and problems of public finance—Federal, state and local, covering revenues and expenditures, taxation theory and practice, public debts, and budgeting. Prerequisites: Economics 31, 32.

Second semester.

Credit, three hours.

B—COURSES IN BUSINESS ADMINISTRATION**31, 32. PRINCIPLES OF ACCOUNTING.**

A comprehensive introduction to accounting methods and applications covering two semesters of study. Two hours of lecture and discussion and one two-hour laboratory. Prerequisites: For 31, Sophomore standing and for 32, satisfactory completion of 31.

Throughout the year.

Credit per semester, three hours.

51. BUSINESS ORGANIZATION.

General study of the principles and problems of business organization and scientific administration with emphasis on the structure of enterprise as a whole and its component departments. Prerequisites: Economics 31, 32 or permission of instructor.

First semester.

Credit, three hours.

52. BUSINESS MANAGEMENT.

The principles and problems of business management. Among topics considered are organization, production development and control, plant location, employee and public relations, inspection, safety, and budgets. Prerequisites: Business Administration 51, or consent of instructor.

Second semester.

Credit, three hours.

54. BUSINESS LAW.

A survey of business law, stressing contracts and including an introduction to sales, agency, negotiable instruments, and partnerships and corporations. Prerequisite: Economics 31, 32.

Second semester.

Credit, three hours.

61. MARKETING PRINCIPLES.

Study of the distributive process and marketing problems, covering functions, institutions, methods, commodity marketing, merchandising, and prices and competition. Prerequisites: Economics 31, 32.

First semester.

Credit, three hours.

62. MARKETING PROBLEMS.

Attention is turned to representative problems in this field and to policies and techniques best suited to their solution. Prerequisite: Business Administration 61.

Second semester.

Credit, three hours.

71. BUSINESS AND GOVERNMENT.

The programs of government regulation affecting everyday business operations and the practices of governmental agencies concerned with unfair trade practices, public utilities, labor problems, social security, prices, credit, etc. Prerequisites: Economics 31, 32 and consent of instructor.

First semester.

Credit, three hours.

72. FINANCE PRINCIPLES.

Study of the principles of financial operations in business with emphasis on the smaller enterprise. Different methods of organizing, raising funds, expanding, and reorganizing are analyzed and compared. Prerequisite: Economics 51 and Business Administration 31, 32.

Second semester.

Credit, three hours.

73. PERSONNEL ADMINISTRATION.

A study of personnel principles from the standpoint of function, methods, and organization as used in practice by business. Prerequisites: Business Administration 52 and Economics 52, or consent of instructor.

First semester.

Credit, three hours.

82. INSURANCE.

A survey of insurance principles and their applications to the various branches of the field, with attention also given risk-bearing as such, public supervision, and social insurance. Prerequisites: Economics 31, 32 and consent of instructor. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

84. REAL ESTATE.

Study of real estate fundamentals, covering economic and legal characteristics and the effective functioning of persons who deal in or manage real estate. Prerequisite: Economics 31, 32 and consent of instructor. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

EDUCATION

The courses offered in this department are intended to prepare teachers for elementary and secondary schools. Arrangements have been made with the public schools of the city of Holland for student teaching, which is required of all candidates for teacher certification.

A "C" average is required of all candidates for a teacher certificate.

Special efforts are put forth by the placement office to secure positions for graduates who have proven aptitude for teaching, but the college does not guarantee to place students in positions. The right is reserved to withdraw students from student teaching for cause at any time, and also to withhold recommendations for positions.

MICHIGAN CERTIFICATION LAWS

1. The State Elementary Provisional certificate may be issued to a candidate who has been graduated with a Bachelor's degree and who has met a curriculum for elementary teachers approved by the State Board of Education in an institution approved by the State Board of Education for teacher training purposes.

This certificate qualifies the holder to teach for a period of five years from the date of issue, in the elementary grades in any public school in the State of Michigan.

Renewal of this Provisional certificate may be made by application through the sponsoring institution within one year from the date of expiration of the certificate, if the candidate has taught successfully for three years within the five-year period and has completed ten semester hours of additional credit. If the holder of this certificate is not actively engaged as a teacher for a period of five consecutive years, the certificate is automatically suspended.

2. The State Secondary Provisional certificate may be issued to a candidate who has been graduated with a Bachelor's degree and who has met a curriculum for secondary teachers approved by the State Board of Education in an institution approved by the State Board of Education for teacher training purposes.

This certificate qualifies the holder to teach for a period of five years from the date of issue, in the secondary grades of Michigan public schools in the subjects or subject fields indicated on the certificate.

Renewal of this Provisional certificate may be made by application through the sponsoring institution within one year from the date of the expiration of the certificate, if the candidate has taught successfully for three years within the five year period.

The candidate must have earned ten additional semester hours of residence credit in an approved institution, preferably in partial fulfillment for a Master of Arts degree.

If the holder of this certificate is not actively engaged as a teacher for a period of five consecutive years, this certificate is automatically suspended.

REQUIREMENTS FOR SECONDARY TEACHER CERTIFICATION

1. Satisfy the requirements for the A. B. degree at Hope College.
2. General Psychology (31) is prerequisite to all courses in education.
3. Complete twenty hours of Education courses, which must include the following courses in the department of Education: 51, 52, 55, 56, 71 and 83.
4. Complete a major and two minors. (The Michigan Teacher Certification Code defines a major as consisting of a minimum of twenty-five hours in one department, and a minor a minimum of fifteen hours. Education may not be included among the majors and minors.

REQUIREMENTS FOR ELEMENTARY TEACHING CERTIFICATE

1. Satisfy the requirements for the A. B. degree from Hope College.
2. Complete twenty hours in Education, including courses 51, 52, 53, 54 and 81 in the department of Education.
3. Complete four minors or one major and two minors. (The major shall consist of twenty-five hours in one

department, other than Education and the minor of fifteen hours. The composite major required for college graduation may be broken down into two minors for certification purposes.

4. General Psychology (31) and Introduction to Sociology (31) are prerequisites to all courses in education.
5. The following courses must be taken unless exemption is granted by the head of the Education department: Elementary Public School Music (Music 55), Public School Health (Biology 52), Teaching the Social Studies (Education 78) and Public School Art (Art 51).
6. The following courses are recommended: Teaching Physical Education in the Elementary School (Physical Education 75) and Teaching Arithmetic in the Elementary School (Education 77).
7. To meet the eight-hour science requirement for graduation, biology is preferred.

51. HISTORY AND PHILOSOPHY OF EDUCATION.

Attention is given to those historical agencies and factors which have influenced the educational progress of the various peoples. Emphasis is laid upon the aims, methods, content, organization and results. Studies are also made of the changing philosophies of education.

First semester.

Credit, three hours.

52. EDUCATIONAL PSYCHOLOGY.

This course deals with the growth and development of childhood in all its phases, but with special stress on mental development. Careful study is made of the learning process with the implications for teaching and guidance.

Second semester.

Credit, three hours.

53. PRINCIPLES OF TEACHING IN THE ELEMENTARY SCHOOL.

A study of learning, misconceptions of learning, the nature of the learner and the characteristics of teaching; a comparison of the modern and traditional school in terms of philosophy of teaching and classroom methods; problems relating to the improvement of assignments, study and recitation; the preparation of lesson plans; the improvement of teaching techniques and classroom management.

First semester.

Credit, three hours.

54. LANGUAGE DEVELOPMENT IN THE ELEMENTARY SCHOOL.

A study of the objectives, materials, methods, appraisal of readiness, diagnostic and corrective practices in the teaching of reading; methods and materials for the teaching of oral and written language and spelling; an overview of children's literature.

Second semester.

Credit, three hours.

55. THE AMERICAN SECONDARY PUBLIC SCHOOL.

This course aims to acquaint the student with the history and development of the American high school, its aims, courses, methods of instruction, organization, administration, evaluation of subjects, pupil characteristics, social problems, and other fundamentals essential to students of secondary education.

First semester.

Credit, three hours.

56. GENERAL METHODS AND MATERIALS FOR HIGH SCHOOL TEACHING.

This course is intended to acquaint the prospective high school teacher with general class procedures which are applicable to a variety of subjects. Special consideration is given to instructional planning, directing study, school discipline, educational aims, audio-visual aids, etc. (Education 52 and 56 may be taken separately or as an integrated course for five hours credit.)

Second semester.

Credit, two hours.

71. PROBLEMS OF SECONDARY SCHOOL TEACHING.

This course is planned for senior students who are now doing their student teaching. The purpose is to consider the specific problems and difficulties arising out of the student teaching experiences in order that the prospective teacher may acquire greater skill in dealing with these situations.

Both semesters.

Credit, two hours.

73. PROBLEMS OF ELEMENTARY SCHOOL TEACHING.

This course is planned for senior students who are now doing their student teaching. The purpose is to consider the specific problems and difficulties arising out of the student teaching experiences in order that the prospective teacher may acquire greater skill in dealing with these situations.

Both semesters.

Credit, two hours.

77. TEACHING ARITHMETIC IN THE ELEMENTARY SCHOOL.

Presents modern methods of making arithmetic meaningful to the elementary child, and a survey of materials.

First semester.

Credit, two hours.

78. TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.

Principles and problems of social living with the application to the elementary school child, including materials and methods of social studies units. A discussion of geography and history as separate subjects is also included.

Second semester.

Credit, two hours.

81. PRACTICE TEACHING IN THE ELEMENTARY SCHOOL.

Practice teaching, supervised by the Department of Education, is maintained in co-operation with the Holland Public Schools.

Both semesters.

Credit, six hours.

83. PRACTICE TEACHING IN THE SECONDARY SCHOOL.

Practice teaching, supervised by the Department of Education, is maintained in co-operation with the Holland Public Schools.

Both semesters.

Credit, eight hours.

SPECIAL METHODS COURSES are offered in several departments, credit for which, to the extent of two hours, will be allowed in education. Only one such course will receive credit in education within the 20 hours required for the certificate. See Art 51, Biology 75, Latin 72, German 64, French 81, English 73, History 81, Music 55, 56, 57, Physical Education 75, 76, Mathematics 71.

ENGLISH

The courses in the English department may be classified under the headings of composition and literature.

All students are required to take six hours of composition and six hours of literature. Courses 11 and 12 in composition and courses 31 and 32 in literature are intended to meet these basic requirements. These courses are all prerequisite to all courses in composition and literature numbered above 50. Exceptions or substitutions are allowed only by special permission from the chairman of the department. Students who demonstrate high proficiency in the mechanics of composition are excused from 11. The composition requirement is then met by English 12 and one other course in composition.

Students who have completed the required six hours of composition and the six hours of literature with a C grade may apply for admission as English majors at the close of the sophomore year. To graduate as an English major it is necessary to have a minimum of thirty hours in English exclusive of such courses as are described in the catalog as not counting toward a major. The program carried for a major in English must be approved by the head of the department.

For those planning to go to graduate school it is desirable to build up a total of between 40 and 45 hours in English. These students are also to remember that a reading knowledge of French or German is usually required for an M. A. degree and a reading knowledge of both is required for a Ph. D. degree.

Those planning to teach English in secondary schools are required to take English 73, and they are advised to take at least four additional hours of composition, six additional hours in speech, and the survey courses in American and English literature.

Those planning to teach in elementary school are required to take Education 54. They are advised to include courses that will give them a broad preparation in grammar, composition, reading, literature and speech.

11. FRESHMAN COMPOSITION.

Review of the fundamentals of grammar, punctuation, diction, usage, sentence structure, and paragraphing with some expository writing and practice in business correspondence.

First semester.

Credit, three hours.

12. FRESHMAN COMPOSITION.

Practice in expository writing, including special drill in the planning and writing of the term paper.

Second semester.

Credit, three hours.

15. READING FOR COMPREHENSION.

The purpose of the course is to give training in basic skills in comprehension and improvement in the techniques of study.

First semester.

Credit, two hours.

16. READING FOR APPRECIATION.

The course provides exercises in the reading of various types of literature to help in the discovery of literary values.

Second semester.

Credit, two hours.

31. INTRODUCTION TO LITERATURE.

Masterpieces in English Literature. About six of the classics of English literature, each one representative of a different type, are studied intensively to furnish first-hand experience with famous titles in the literary repertoire.

First semester.

Credit, three hours.

32. INTRODUCTION TO LITERATURE.

Masterpieces in Foreign Literature. A continuation of 31, covering representative titles from Greek, Medieval, and Modern European literature in translation.

Second semester.

Credit, three hours.

35. SOPHOMORE COMPOSITION.

Prerequisite 12. Students who have been excused from 11 may take this course to complete their requirement in composition.

Both semesters.

Credit, two hours.

37. THE AMERICAN NOVEL.

A study of representative novels taken from nineteenth and twentieth century American authors.

First semester.

Credit, two hours.

38. THE SHORT STORY.

A literature course involving the study of representative American and European short stories.

Second semester.

Credit, two hours.

51. BUSINESS ENGLISH.

Study of the various forms of business correspondence. Recommended for all who plan to major in business administration. Not to be counted toward an English major.

First semester.

Credit, two hours.

52. BUSINESS ENGLISH.

Study of business report writing. Recommended for all who plan to major in business administration. Not to be counted toward an English major. 51 is recommended but not required for admission.

Second semester.

Credit, two hours.

53. ADVANCED COMPOSITION.

Students in conjunction with the teacher may choose a field of writing in line with their own particular interests.

First semester.

Credit, two hours.

54. CREATIVE WRITING.

Of special interest to those who wish to cultivate the literary forms of writing. 53 is recommended but not required for admission.

Second semester.

Credit, two hours.

55. SHAKESPEARE: HISTORIES AND COMEDIES.

First semester.

Credit, two hours.

56. SHAKESPEARE: TRAGEDIES

Second semester.

Credit, two hours.

57. ROMANTIC POETRY.

A study of the English poetry produced during the Romantic period from 1750 to 1832. Attention is given chiefly to Wordsworth, Coleridge, Byron, Shelley, Keats.

First semester.

Credit, two hours.

58. VICTORIAN POETRY.

A study of the English poets between 1832 and 1900 with major emphasis on Tennyson and Browning.

First semester.

Credit, two hours.

59. VICTORIAN PROSE.

A study of the prose essays of Carlyle, Ruskin, Macaulay, Huxley, and Arnold and minor emphasis on the English novelists between 1832 and 1900.

Second semester.

Credit, two hours.

62. THE ENGLISH NOVEL.

A study of the development of the English novel.

Second semester.

Credit, two hours.

63. DEVELOPMENT OF THE DRAMA TO IBSEN.

A survey of the Greek and Roman drama, the miracle, mystery, and morality plays, Elizabethan drama, and the drama of the eighteenth and nineteenth centuries.

First semester.

Credit, three hours.

64. CONTEMPORARY DRAMA.

A study of Ibsen and the contemporary drama of America and Europe.

Second semester.

Credit, three hours.

65. SURVEY IN AMERICAN LITERATURE.

From the colonial period to 1865. Recommended especially for those who plan to enter teaching.

First semester.

Credit, three hours.

66. SURVEY IN AMERICAN LITERATURE.

From 1865 to the contemporaries. 65 is recommended but not required for admission. Recommended for prospective teachers.

Second semester.

Credit, three hours.

72. JOHN MILTON.

A study of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes* and the minor poems.

Second semester.

Credit, three hours.

73. TEACHING OF ENGLISH.

A review of English grammar, with emphasis on the teaching of it. Readings, observations and demonstrations in the teaching of composition and literature in the secondary schools. Required for "special methods" credit for those applying for the secondary certificate in English.

First semester.

Credit, three hours.

81, 82. SURVEY OF ENGLISH LITERATURE.

A chronological survey of the trends and types of English literature with a standard anthology as text and a history as supplementary reading. Required of all English majors in preparation for graduate work or secondary teaching.

Throughout the year.

Credit per semester, three hours.

HISTORY

The study of history has become a matter of vital importance to people everywhere and particularly for the men and women preparing for active participation in citizenship in the modern world. The educated person must know what lies behind the issues of today; therefore the student is urged to elect as much history as his time will permit.

MAJOR: History courses are offered in seven fields: United States, English, European, Far Eastern, Latin American, Ancient, and Medieval. The history major who plans on taking graduate work should elect courses in as many fields as possible.

For the history major preparing for public school teaching the following courses are recommended: History

11, 12 or 13, 14; 33, 34; 53, 54; 51, 52 or 67, 68; 71. Also, Sociology 31, 32; Economics 31, 32; Political Science 31, 32. History 81 (History Methods) is required.

A minimum of thirty-two hours of courses in History for non-teaching and thirty-seven hours for teaching majors is required. The course program of each major must receive the approval of the department advisor.

11. HISTORY OF EUROPE, 1500-1815.

A study of the religious Reformation, the Age of Louis XIV, the French Revolution, and the Napoleonic era. An introductory course. Not open to those who have taken History 13 and 14.

First semester.

Credit, four hours.

12. HISTORY OF EUROPE SINCE THE CONGRESS OF VIENNA (1815).

A study of the development of modern states and their constitutions, the rise of democracy, the World War and post-war problems, as time permits. Not open to those who have taken History 13 and 14.

Second semester.

Credit, four hours.

13, 14. HISTORY OF CIVILIZATION.

A survey of the development of political, economic, and cultural systems from the earliest times to the present. The purpose of the course is to introduce the student to the whole field of history and to assist him in understanding the source of our present-day problems, how they have been handled in the past, and whether or not the former solutions are appropriate to our own society. A two-semester course. Not open to those who have taken History 11 and 12. Recommended to all prospective teachers.

Throughout the year.

Credit per semester, four hours.

33. HISTORY OF THE UNITED STATES, 1492-1865.

A survey of American history from the French and Indian War to the Civil War. Emphasis will be placed upon the social and constitutional history of the period. Recommended for all elementary candidates. Open to Freshmen.

First semester.

Credit, three hours.

34. HISTORY OF THE UNITED STATES, 1865-1940.

A continuation of the survey of American history. Emphasis will be placed upon the political, social, and diplomatic phases of the period. Prerequisite, History 33. Recommended for all elementary teacher candidates. Open to Freshmen.

Second semester.

Credit, three hours.

47, 48. WORLD NEWS OF THE WEEK.

Since the content changes constantly it may be taken for four hours credit. Open to all students.

Throughout the year.

Credit per semester, two hours.

51. CULTURAL HISTORY OF THE EARLY MEDITERRANEAN.

A study of the art, architecture, literature, science, and religion, together with the social phases of man's development, from the early Egyptian and Babylonian history through the Roman period. Special emphasis will be placed upon Greek institutions and culture. Alternate years, 1948-1949.

First semester.

Credit, three hours.

52. CULTURAL HISTORY OF THE MIDDLE AGES.

A study of the developments in education, literature, religion, art, etc., through the Renaissance and the Reformation. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

53. HISTORY OF HISPANIC-AMERICA: COLONIAL PERIOD.

A study of the early native cultures and colonization of Central and South America. Alternate years, 1947-1948.

First semester.

Credit, three hours.

54. HISTORY OF HISPANIC-AMERICA: NATIONAL PERIOD.

A study of the social, cultural, economic, and political growth of the various countries, with special emphasis upon their relationship to hemispheric problems. Alternate years, 1947-1948.

Second semester.

Credit, three hours.

55. HISTORY OF ENGLAND TO 1740.

A study of the social, political, and constitutional history of England from Roman times to the close of the Stuart Period. Alternate years, 1947-1948. Recommended prerequisite: History 11, 12.

First semester.

Credit, three hours.

56. HISTORY OF ENGLAND SINCE 1740.

A study of English history beginning with the Hanoverian Period, development of the cabinet system, the growth of the constitution, English imperialism, and problems of foreign and domestic policy. Prerequisite, History 55. Alternate years, 1947-1948.

Second semester.

Credit, three hours.

57. AMERICAN DIPLOMACY AND FOREIGN RELATIONS.

A survey study of the history of the United States from the external point of view. Prerequisites: History 33 and 34. Alternate years. Not given 1947-1948.

First semester.

Credit, three hours.

58. RECENT AMERICAN HISTORY.

A study of the political, economic and social history of the United States since 1900. Emphasis will be placed on the Progressive Movement. Prerequisite: History 34.

Second semester.

Credit, three hours.

61. AMERICAN CONSTITUTIONAL HISTORY.

A study of the background of the constitution of the United States, the work of the Federal Convention of 1787, and the changes in the constitution as a result of Supreme Court decisions. Written and oral reports required. Alternate years, 1947-1948.

Second semester.

Credit, three hours.

62. ENGLISH CONSTITUTIONAL HISTORY.

Alternate years, 1948-1949.

Second semester.

Credit, three hours.

67. THE DEVELOPMENT OF EUROPE, 1648-1870.

A study of the Age of Louis XIV, the French Revolution, the Industrial Revolution, the Revolutions of 1830 and 1840, and the growth of imperialism. Recommended prerequisite: History 13, 14 or 55, 56. Alternate years, 1947-1948.

Second semester.

Credit, three hours.

68. THE DEVELOPMENT OF EUROPE, 1870-1918.

A study of the continued rise of European imperialism with special emphasis upon the social, economic, political, and philosophical differences which led to World War I. Prerequisite: History 67. Alternate years, 1947-1948.

Second semester.

Credit, three hours.

70. HISTORY OF ROME.

From early times to about 476 A. D. An attempt to interpret the political history in the light of social, economic, and religious movements.

Second semester.

Credit, three hours.

71. EUROPE SINCE 1918.

A study of the social, political, economic, and ideological developments of the period between world wars; Hitler's plan for world domination; post-war developments; and organization for the preservation of world peace.

First semester.

Credit, three hours.

74. HISTORY OF THE FAR EAST.

A study of the peoples and cultures of India, China, Japan, French Indo-China, and Indonesia and of their relationships to the western world. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

81. HISTORY METHODS.

A special course in the methods of teaching history at the junior and senior high school level. The emphasis throughout the course will be placed upon the materials and techniques to be used.

First semester.

Credit, two hours.

83. STUDIES IN AMERICAN HISTORY.

An advanced course in American History. The field of concentration will be decided by the instructor after consultation with the students. Work will consist of readings, reports and a paper. Prerequisites: History 33 and 34.

First semester.

Credit, two hours.

84. STUDIES IN EUROPEAN HISTORY.

An advanced course in European History. The field of concentration will be decided by the instructor. Work will consist of readings, reports and a paper. Prerequisites: History 33 and 34.

Second semester.

Credit, two hours.

91. PRO-SEMINAR IN HISTORY.

An introduction to the seminar method of research with special emphasis upon the importance of high ethical and professional standards. Senior history majors by permission.

First semester.

Credit, two hours.

LIBRARY SCIENCE

The purpose of the course in Library Science is to train students entering the teaching field for the position of Teacher-Librarian. The courses offered comprise a teaching minor in the field and are open to Juniors upon the recommendation of the librarian.

52. CLASSIFICATION AND CATALOGING.

A study of the Dewey Decimal Classification in its simplified form, both full and short form cataloging, and the mechanical preparation of books for the shelves. Lectures, two hours a week; laboratory, two hours. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

53. BOOK SELECTION AND PURCHASE.

A study of the evaluation of books on elementary and secondary school levels, selection aids, school library policies in selection, ordering, and treatment of invoices. Lecture, two hours; laboratory, two hours. Alternate years, 1948-1949.

First semester.

Credit, three hours.

54. READING GUIDANCE IN THE SECONDARY SCHOOL LIBRARY.

A study of the reading interests and habits of secondary school pupils, giving consideration to the materials and techniques for guidance. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

71. REFERENCE WORK.

A study of the evaluation, selection, and use of the reference books typical of a school library. Alternate years, 1948-1949.

First semester.

Credit, one hour.

73. SCHOOL LIBRARY MANAGEMENT.

A study of the management of elementary and secondary school libraries, stressing their social function, their relation to the school and the community, and their place in the development of the individual. Alternate years, 1949-1950.

First semester.

Credit, two hours.

75. LIBRARY PRACTICE.

This work is done in the libraries of the Holland Public Schools under efficient supervision.

Both semesters.

Credit, four hours.

MATHEMATICS

The courses in Mathematics are offered not only for those definitely majoring in the department or intending to use it as a tool in their applied fields, but also for those who desire them as a part of their general education. Thoroughness rather than multiplicity of courses is emphasized.

High School Prerequisites: All regular Freshman courses require for admission one and one-half years of high school algebra and one year of plane geometry. Those entering with only one year of algebra should take the course in Intermediate Algebra.

Major: Those who intend to major in Mathematics should take courses 13, 14 (or 15), 16, 31, and 51 and, in addition, two courses selected from courses 52, 53, 61, and 81. College Physics is required. The courses through 51 are required as a minimum. For completion of major, check with the Chairman of the Department.

11. INTERMEDIATE ALGEBRA.

Prerequisites: One year of High School Algebra and one year of Plane Geometry. Not to be counted towards a major in Mathematics.

Both semesters.

Credit, three hours.

12. SOLID GEOMETRY.

Prerequisites: One year of Plane Geometry and one year of High School Algebra.

First semester.

Credit, two hours.

13. COLLEGE ALGEBRA.

Prerequisites: One and one-half years of High School Algebra or course 11, and one year of Plane Geometry.

Both semesters.

Credit, three hours.

14. PLANE TRIGONOMETRY.

Prerequisites: One and one-half years of Algebra and one year of Plane Geometry.

Both semesters.

Credit, three hours.

15. GENERAL MATHEMATICS.

This course combines the fundamental topics of College Algebra and Plane Trigonometry. It is designed for those who for reason of accelerating their preparation must complete both College Algebra and Trigonometry in one semester. Prerequisites: Same as for courses 13 and 14.

Both semesters.

Credit, four hours.

16. ANALYTICAL GEOMETRY.

Regular course in Analytics. Prerequisites: Plane Trigonometry and College Algebra.

Both semesters.

Credit, four hours.

17. MATHEMATICS OF BUSINESS.

Prerequisites: One year of high school Geometry and one of Algebra. Not to be applied to a Mathematics major.

First semester.

Credit, three hours.

21. MECHANICAL DRAWING.

Both semesters.

Credit, three hours.

31. DIFFERENTIAL CALCULUS.

Prerequisites: Plane Analytics.

Both semesters.

Credit, two hours.

34. SPHERICAL TRIGONOMETRY.

Prerequisites: Plane Trigonometry and College Algebra.

First semester.

Credit, two hours.

37. MATHEMATICS OF STATISTICS.

Prerequisites: Mathematics 13 and 14 or Mathematics 15.

Second semester.

Credit, three hours.

41. DESCRIPTIVE GEOMETRY.

Prerequisites: Mechanical Drawing.

Both semesters.

Credit, three hours.

42. PLANE SURVEYING.

Prerequisites: Plane Trigonometry.

Second semester.

Credit, two hours.

43. ASTRONOMY.

Descriptive. Prerequisites: Plane Trigonometry.

Second semester.

Credit, two hours.

51. INTEGRAL CALCULUS.

Prerequisites: Regular Mathematics courses through Differential Calculus.

Both semesters.

Credit, four hours.

52. DIFFERENTIAL EQUATIONS.

Prerequisites: 8 hours of Calculus.

Both semesters.

Credit, two hours.

53. SOLID ANALYTICS.

Prerequisites: Plane Analytics.

Second semester.

Credit, two hours.

61. THEORY OF EQUATIONS.

Integral Calculus a prerequisite but may be taken at the same time.

First semester.

Credit, three hours.

71. METHODS OF TEACHING MATHEMATICS.

This course is intended for Seniors through special arrangement with the Department of Education. It may be taken for credit in Mathematics if not desired for Education.

First semester.

Credit, two hours.

81. ADVANCED CALCULUS.

Prerequisites: 10 hours of Calculus and Mathematics 53. Open to Seniors only except by special arrangement with instructor. Mathematics 53 may be taken at the same time.

Second semester.

Credit, two hours.

MODERN LANGUAGES

The courses offered in the first two years of any of the modern languages, French, German, and Spanish, are designed to provide the student with a good grammatical foundation, to give him some command of the spoken language, and to develop a practical reading knowledge. The upper level courses are to broaden the student's knowledge of the literature of the language and its cultural background. Oral-aural instruction and practice is stressed in the conversation classes.

Students who plan to do graduate work in any field are advised to secure a reading knowledge of French or German. A Business Administration major is advised to

study Spanish. It is suggested that Music majors have a knowledge of French and German.

Full credit will be granted for any courses in addition to the language requirement. Two years of study on the high school level will admit a student to the intermediate course (31), depending on the results of a comprehensive examination given at the beginning of the fall term. For a complete statement of the foreign language requirement for graduation, consult page 45 of the catalog.

MAJOR: To secure a major in French, German or Spanish twenty-five hours above first year level are required. For a composite major in Modern Languages a student is required to take eight hours of intermediate study in two languages; in addition he must elect a minimum of nine hours of advanced study in one language and five in another. Course programs for majors must be approved by the head of the department.

FRENCH

11, 12. ELEMENTARY FRENCH.

A first year course in the essentials of pronunciation and grammar; reading, oral and aural practice. For students with no previous study of French.

Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE FRENCH.

Grammar review; more extensive reading; composition and aural-oral practice. Prerequisite: courses 11, 12 or two years of high school French.

Throughout the year.

Credit per semester, four hours.

41, 42. INTERMEDIATE FRENCH CONVERSATION.

Prerequisite: 11 and 12 or two years of high school French. Designed to give more extensive oral-aural practice. May be taken one or both semesters.

Throughout the year.

Credit per semester, two hours.

51. SURVEY OF FRENCH LITERATURE.

Representative authors will be read and discussed with emphasis on the early forms of literature, the Renaissance and the classical period. This course is prerequisite to other literature courses and must be taken by French majors.

First semester.

Credit, three hours.

52. CONTEMPORARY FRENCH LITERATURE.

A study of the trends in literature after 1900 with emphasis on the literature produced between 1914 and 1940. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

53. EIGHTEENTH CENTURY LITERATURE.

French thought as reflected in French literature from 1715 to the Revolution. Special emphasis on Montesquieu, Voltaire, Rousseau, and Diderot. Not given 1948-1949.

Credit, three hours.

54. MODERN FRENCH LITERATURE.

A study of the trends in the novel, short story and poetry from 1850-1900. Not given 1948-1949.

Credit, three hours.

55. FRENCH CIVILIZATION.

Emphasis upon the position of French literature, art, and music. Some knowledge of French history is desirable but not prerequisite. No knowledge of the French language is necessary. Open to any student. Given every third year, 1949-1950.

Second semester.

Credit, three hours.

71. ROMANTICISM.

A study of the romantic prose, poetry and drama of the period from 1800-1850. Alternate years, 1947-1948.

First semester.

Credit, three hours.

72. MASTERPIECES OF FRENCH DRAMA.

Typical works of the great playwrights will be studied in relation to social and literary backgrounds. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

73. FRENCH PHONETICS.

A thorough review of phonetic symbols and rules of pronunciation, reading and writing of phonetic script. Required of French majors. Alternate years, 1948-1949.

First semester.

Credit, two hours.

74. ADVANCED COMPOSITION AND GRAMMAR REVIEW.

A thorough review of grammar and use of idiomatic French. Required of French majors. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

82. TEACHING OF MODERN LANGUAGES.

A course in the methods of teaching the French language and literature to Junior and Senior High School students. Required of all planning to teach French or German or Spanish. May be counted in the field of Education as a Special Methods credit. Alternate years, 1947-1948.

Second semester.

Credit, two hours.

GERMAN**11, 12. ELEMENTARY GERMAN.**

This is a beginning course. The work consists of grammar, pronunciation, reading and the memorizing of poems. The use of the language is encouraged by speaking and writing.

Throughout the year.

Credit per semester, four hours.

14. ELEMENTARY GERMAN ALTERNATE.

This course is open to those who studied German in secondary school or those desiring a refresher course. A rapid review of the entire grammar, composition and oral work is included. Classics are read.

Second semester.

Credit, three hours.

31, 32. INTERMEDIATE GERMAN.

This course is open to those students who have completed courses 11, 12 or passed a comprehensive examination. The German short story is studied. Supplementary reading. Composition and grammar review. German Drama forms the basis for study during the second semester. Supplementary reading.

Throughout the year.

Credit per semester, four hours.

41, 42. GERMAN CONVERSATION.

Open to students on or above the intermediate level. A single semester may be taken.

Throughout the year.

Credit per semester, two hours.

51. MODERN GERMAN DRAMA.

A study of the works of the best modern dramatists. Special reports and supplementary reading will introduce other authors than those studied in class.

First semester.

Credit, three hours.

52. THE GERMAN NOVEL.

Some classical and some modern novels will be read.

Second semester.

Credit, three hours.

53. MODERN GERMAN SHORT STORIES.

Short stories by classic and modern authors will be read. Supplementary reading.

First semester.

Credit, two hours.

54. GERMAN POETRY AND OPERA.

A survey course covering development of verse in German literature beginning with the *Nibelungenlied*.

Second semester.

Credit, two hours.

55. GERMAN CIVILIZATION.

A knowledge of German is not required. The course includes a survey of the development of the German people along cultural lines; music, art, literature and philosophy. Given every third year, 1948-1949.

First semester.

Credit, three hours.

61. SCHILLER.

A careful study is made of the life and works of Schiller.

First semester.

Credit, three hours.

62. GOETHE.

This course will include a survey of Goethe's works with special attention to the lyrics and dramas.

63. THE ROMANTIC SCHOOL AND HEINRICH HEINE.

Selections from romantic prose and verse will be read. The general literary trends of the period will be considered.

First semester.

Credit, two hours.

64. GRAMMAR REVIEW.

This course is intended for students who are preparing to teach German or to pursue research where a knowledge of the language is essential.

Second semester.

Credit, two hours.

72. SCIENTIFIC GERMAN.

This course is intended to meet the needs of students planning to do research.

Second semester.

Credit, two hours.

SPANISH

11, 12. ELEMENTARY SPANISH.

A first year course in the essentials of pronunciation and grammar; graded reading of modern Spanish text; aural and oral practice. For students with no previous study of Spanish.

Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE SPANISH.

Grammar review; practice in conversation and composition; progressively more extensive reading. Prerequisite: two years of high school Spanish at entrance or completion of Spanish 11, 12.

Throughout the year.

Credit per semester, four hours.

41, 42. INTERMEDIATE SPANISH CONVERSATION.

Designed to confer greater oral-aural proficiency. To accompany Spanish 31 or 32 or a literature course. May be taken one or both semesters.

Throughout the year.

Credit per semester, two hours.

51. MASTERPIECES OF SPANISH LITERATURE.

Reading and discussion of such world renowned masterpieces of Spanish literature as *Libro de Buen Amor*, *La Celestina*, *Lazarillo de Tormes*, *Don Quijote*, and others. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1948-1949.

First semester.

Credit, three hours.

52. SPANISH LITERATURE OF THE GOLDEN AGE.

Introductory lectures on the principal literary forms of *El Siglo de Oro*. Extensive readings and class discussions on the theater of Lope de Vega, Tirso de Molina, Alarcon, Calderon, and others. Prerequisite: Spanish 31, 32 or permission of the instructor.

Second semester.

Credit, three hours.

55. HISPANIC CIVILIZATION.

This course will deal broadly with the universal aspects of Spanish civilization. Special emphasis is given to the common features of Spanish-speaking countries as expressed in life, thought, religion, art, and literature. Some knowledge of philosophy and history would be desirable. Knowledge of the Spanish language is not required. This course is open to all students. Not given 1948-1949.

Credit, three hours.

61. SPANISH LITERATURE OF THE NINETEENTH CENTURY NOVEL.

Introductory lectures and readings on romanticism and realism. Emphasis will be placed on the regional novel and the modern Spanish novel, beginning with Fernan Caballero and reaching its climax with Perez Galdos. Prerequisite: Spanish 31, 32 or permission of the instructor. Given alternate years, 1949-1950.

First semester.

Credit, three hours.

62. CERVANTES AND HIS AGE.

A study of Cervantes' artistic creation and relation to the culture of the Sixteenth Century. Special emphasis is given to the *Don Quijote* and the *Novelas ejemplares*. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

71. SURVEY OF SPANISH-AMERICAN LITERATURE.

A survey of Spanish-American literature from the period of the conquest to the present day. The reading of representative authors with particular emphasis on the modern period. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1949-1950:

First semester.

Credit, three hours.

72. CONTEMPORARY SPANISH LITERATURE.

Lectures and readings in the leading writers of Spanish beginning with the so-called Generation of 1898. An examination of the resurgence of Spanish letters as evidenced in poetry, the short story, the novel, and the essay. Prerequisite: Spanish 31, 32 or permission of the instructor.

Second semester.

Credit, three hours.

74. ADVANCED COMPOSITION.

Includes a thorough grammar review, idiom study and stylistic expression. Required of Spanish majors. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

MUSIC

MAJOR: A major in Applied Music requires forty semester hours in music, of which sixteen semester hours are applied music. Theoretical courses 11, 12, 13, 14, 31, and 32 are required of every major. Each student must choose one of the following areas of applied music as his major area: Organ, Voice, Piano, or String, Woodwind or Brass Instruments.

A maximum of three semester hours of Chapel Choir, College Band or College Orchestra will be allowed as applied music toward a major in music.

Because of the unusual nature of the requirements for a music major, making it imperative to start work in the department during the freshman year, the following schedule for the first two years should be adhered to closely:

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
Applied Music	2	2
Music 11, 12	3	3
Music 13, 14	2	2
English 11, 12	3	3
Foreign Language	4	4
Bible 11.	2	—
Speech 11	—	2
Physical Education	R	R
	16	16

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
Applied Music	2	2
Music 31, 32	3	3
Music 33, 34	2	2
English 31, 32	3	3
Foreign Language	4	4
Bible 31	2	—
Psychology 31	—	3
Physical Education	R	R
	16	17

Students desiring to fulfill the minor requirements for teacher certification must elect fifteen semester hours in music. Courses 11, 12, 13, 14, and 55, 73, or 74 are required.

THEORETICAL COURSES

11, 12. HARMONY.

A beginning course for the music student with emphasis on four-part writing, structure and use of preliminary and secondary triads with their inversions. Melody harmonization. All seventh chords and their resolutions. The dominant ninth. Required for major and minor students.

Throughout the year.

Credit per semester, three hours.

13, 14. EAR TRAINING AND SIGHT SINGING.

A course designed for any student desirous of becoming more familiar with music. Melodies and harmonic rhythm dictation. Required for major and minor students.

Throughout the year.

Credit per semester, two hours.

31, 32. ADVANCED HARMONY.

Altered chords and resolutions. Ninth, eleventh, and thirteenth chords. Transitions, regular and extraneous modulation. Embellishments and figurations. Harmonic analysis. Other scales and the harmony thereof. Original work. Required for major students.

Throughout the year.

Credit per semester, three hours.

33, 34. APPRECIATION OF MUSIC.

A non-technical study of the origin and styles of music and their development in order to give a clear understanding of their significance. The first semester includes the Polyphonic and Classical periods; the second semester, the Romantic and Modern periods. Course 33, or approval from Music Department, prerequisite to course 34.

Throughout the year.

Credit per semester, two hours.

51, 52. FORM AND ANALYSIS.

A practical and analytical course in the structure of the forms of music with emphasis on the Sonata Form, and on the form of the Fugue, with use of "The Well-tempered Clavichord." Offered alternate years (1948-1949).

Throughout the year.

Credit per semester, two hours.

53, 54. HISTORY OF MUSIC.

A general cultural survey course on the development of the art of music from the time of primitive man to the present, with the use of illustrative material and records. Course 53, or approval from Music Department prerequisite to course 54.

Throughout the year.

Credit per semester, three hours.

55. ELEMENTARY PUBLIC SCHOOL MUSIC METHODS.

A study and observation of the basic principles in the teaching of music in the elementary grades with work in elementary theory. The requirements for the first two years of a music major are advisable as a prerequisite, and at least one semester of piano.

First semester.

Credit, two hours.

57, 58. ORCHESTRATION.

The first semester will start with a study of the history and technical limitations of the instruments of the modern orchestra. Arranging for woodwind, brass, and string ensembles, progressing to the scoring for symphonic band will follow. During the second semester piano, vocal, and organ works will be adapted for little symphony and the full symphony orchestra.

Throughout the year.

Credit per semester, two hours.

71, 72. COUNTERPOINT.

Contrapuntal writing in two and three voices in the first three species of strict counterpoint. The second semester is devoted to writing in four voices in fourth and fifth species. Free counterpoint. Inventions. Offered alternate years (1947-1948).

Throughout the year.

Credit per semester, two hours.

73. SECONDARY PUBLIC SCHOOL INSTRUMENTAL METHODS.

A study of the problems peculiar to the teachings of instrumental music in both class and private instruction. Sections will be devoted to the selection of text books and music, the selection, care, and repair of orchestral instruments, and teaching procedures for instrumental music. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1949-1950).

First semester.

Credit, two hours.

74. SECONDARY PUBLIC SCHOOL VOCAL METHODS.

Study and observation of secondary teaching techniques, with examination of materials. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1949-1950).

Second semester.

Credit, two hours.

75. INSTRUMENTAL CONDUCTING.

A study of orchestral scores and transposition. Detailed work in the technique of the baton and the rehearsal problems of orchestral, band and smaller instrumental groups. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1948-1949).

First semester.

Credit, two hours.

76. CHORAL CONDUCTING.

A practical study of conducting of community songs and choral music. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1948-1949).

Second semester.

Credit, two hours.

77. MUSIC OF THE CHURCH.

A course designed to help ministers, choir directors, organists and singers in a study of music of the church. Included is a brief history of church music, and the study of hymnology, classification of anthems, and elementary music theory.

First semester.

Credit, two hours.

78. BAND AND ORCHESTRA ADMINISTRATION.

A study of music departmental records, instruction books, and materials, the music library and equipment, with selections devoted to festival participation and the marching band. Offered alternate years (1947-1948).

Second semester.

Credit, two hours.

APPLIED MUSIC COURSES

All courses in Applied Music are open to students of varying degree of preparation, from beginners to advanced students. Music majors are required to pass an examination each semester under the jury system, to give a recital in both Junior and Senior years, and to show satisfactory musicianship before graduating.

Schedule of applied music fees will be found on page 51.

All private lessons are of thirty minutes duration. Lessons in applied music will not be made up unless the student notifies the instructor a reasonable time in advance of his absence. Private lessons falling on legal and special holidays will not be made up. All applied music students are required to fulfill practice time requirements.

21, 22; 41, 42; 61, 62; 81, 82. Piano

23, 24; 43, 44; 63, 64; 83, 84. Voice

25, 26; 45, 46; 65, 66; 85, 86. Organ

27, 28; 47, 48; 67, 68; 87, 88. Instrument (violin, viola, cello, string bass, flute, oboe, clarinet, bassoon, trumpet, French horn, trombone)

The above private lessons are open to all students in relation to their degree of proficiency.

Throughout the year.

Credit per semester, one hour for each one-half hour lesson per week.

10. CHAPEL CHOIR.

Membership of 75 mixed voices determined by tryouts at the beginning of the Fall term. Membership in Choir is necessary for enrollment in either Women's or Men's Glee Clubs.

Throughout the year.

Credit per year, one hour.

20. ORCHESTRA.

Membership determined by tryouts at the beginning of the Fall term.

Throughout the year.

Credit per year, one hour.

30. BAND.

Membership determined by tryouts at the beginning of the Fall term.

Throughout the year.

Credit per year, one hour.

49, 50. PIANO ENSEMBLE.

An applied music course in two-piano work. Standard repertoire of original two-piano compositions of Mozart, Brahms, etc., are used. A fee of \$2.50 per semester is charged. Prerequisites: piano-playing ability of at least a third-grade level.

Throughout the year.

Credit per semester, one hour.

69, 70. INSTRUMENTAL ENSEMBLE.

A course designed to acquaint the student with small ensemble literature and give him the opportunity to play as much of it as possible.

Throughout the year.

Credit per semester, one hour

PHILOSOPHY

A major in Philosophy is satisfied by completing twenty-five semester hours of courses in the department.

31. INTRODUCTION TO PHILOSOPHY.

This is a beginning course to familiarize students with the vocabulary, method, purpose, and scope of Philosophy. Should precede courses 51, 52, 74, 75, 76, 77.
Both semesters. Credit, two hours.

51. ANCIENT AND MEDIEVAL PHILOSOPHY.

A study of Greek and Roman philosophy, of the Church Fathers, and of Scholasticism.
First semester. Credit, three hours.

52. MODERN PHILOSOPHY.

A study of Empiricism and Rationalism, of Idealism, Realism, and Pragmatism.
Second semester. Credit, three hours.

53. LOGIC.

A study of the nature of the syllogism, of the fallacies of deduction, of the principles of scientific investigation and verification, and of the application of reflective thought to social and value problems.
Both semesters. Credit, three hours.

54. THEISM.

An investigation of the grounds and the implications of accepting the sovereign personal God as revealed in the Incarnation of Christ.
Second semester. Credit, two hours.

71. ETHICS.

A comparison of the theories of morality, an investigation of the principles of moral evaluation, and their application to personal and social problems.
Both semesters. Credit, three hours.

74. AMERICAN PHILOSOPHY.

The aim of this course is to trace the development and influence of philosophical ideas in the United States.
First semester. Credit, three hours.

75. PHILOSOPHY OF RELIGION.

A survey course reviewing the grounds of religion and tracing its interrelations with man's other cultural pursuits.
First semester. Credit, two hours.

76. TWENTIETH CENTURY PHILOSOPHY.

A study of some of the prevailing systems of thought of the present time.
Second semester. Credit, three hours.

77. PLATO.

A survey of the Republic and other Platonic dialogues with emphasis upon elements that have become significant for western culture.
First semester. Credit, three hours.

PHYSICAL EDUCATION FOR MEN

REQUIRED PHYSICAL EDUCATION: All men students are required to take 72 clock hours of physical education. Unless permission is granted, this work is to be taken in the Freshman year.

INTRAMURAL AND INTERCOLLEGIATE ATHLETICS: An intramural program for men is open to all male students. It includes the following sports: basketball, bowling, soft ball, tennis, and track. Teams are organized on an inter-class, dormitory, or intersociety basis.

All men are encouraged to participate in intercollegiate sports. The major sports are football, basketball, and baseball. The minor sports are track and field, tennis, and golf. In order to be eligible for intercollegiate competition, students must meet the academic eligibility requirements of the Michigan Intercollegiate Athletic Association.

PROGRAM FOR CERTIFICATE (Minor) IN PHYSICAL EDUCATION: A program of courses designed to meet the requirements of the certification board of Michigan for a teaching minor in Physical and Health Education has been established. The program is for those who are taking a teachers' major in some other subject and wish to be prepared also to coach and teach physical and health education. To fulfill the minor requirements, a student must complete sixteen semester hours of courses, including Biology 34 (Physiologic Hygiene); Biology 35 (Human Anatomy); Physical Education 31 and 52; and six semester hours of Techniques courses chosen from Physical Education 61, 62, 63, and 64.

No student will receive credit toward graduation for Physical Education courses 61, 62, 63, and 64 unless these courses are taken as part of the Physical Education minor.

11, 12. PHYSICAL EDUCATION ACTIVITIES.

This is the required course for all men students, and is to be taken in the Freshman year. The course includes calisthenics, and participation in individual and group games and sports.

Both semesters.

Activity Credit.

31. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION.

This course seeks to orient the student to professional work in this field. It traces the evolution of physical education and considers the elementary principles and present day problems facing those who are organizing, directing and teaching in physical education programs. Required of all physical education minors, it should be elected in the sophomore or junior year.

First semester.

Credit, two hours.

52. KINESIOLOGY.

A comprehensive study of the musculo-skeletal system and its action, with special reference to the field of health and physical education. Prerequisite: Biology 35 (Human Anatomy).

Second semester.

Credit, two hours.

54. COMMUNITY RECREATION.

This course traces the development of the modern recreational movement, studies the principles and practices in the organization of recreational group work, and presents the methods of planning and administering community recreation programs. This course is valuable for those planning to enter the ministry, teaching, or scout work, as well as for those who plan to enter community recreation work.

Second semester.

Credit, three hours.

61. FUNDAMENTALS AND TECHNIQUES OF BASKETBALL.

A study of the fundamentals of basketball and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

First semester.

Credit, two hours.

62. FUNDAMENTALS AND TECHNIQUES OF FOOTBALL.

A study of the fundamentals of football and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

Second semester.

Credit, two hours.

63. SPORTS FOR RECREATION.

A course designed to teach the fundamentals of minor sports such as tennis, golf, badminton, and handball and the techniques of directing and coaching them. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

First semester.

Credit, two hours.

64. FUNDAMENTALS AND TECHNIQUES OF BASEBALL AND TRACK.

A study of the fundamentals of baseball and track and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

Second semester.

Credit, two hours.

PHYSICAL EDUCATION FOR WOMEN

REQUIRED PHYSICAL EDUCATION: All women students are required to take 72 clock hours of physical education. Unless special permission is granted, this work is to be taken in the Freshman year.

INTRAMURAL AND INTERCOLLEGIATE ATHLETICS: All female students may become members of the Women's Athletic Association. This organization is governed by a board consisting of elected representatives from each of the three upper classes, who sponsor all intramurals for women. Under this program, those who wish may take part in volleyball, softball, basketball, badminton, tennis, bowling,

ping pong, and other minor sports. Teams and tournaments are organized during the school year and awards are granted on the basis of participation. In addition to this regular program, those who show unusual interest and ability are given opportunities to represent Hope College in athletic meets held several times during the year, at other colleges in this vicinity.

PROGRAM FOR CERTIFICATE (Minor) IN PHYSICAL EDUCATION: Any woman student in pursuit of a secondary provisional teachers certificate with a major in a chosen academic field may be granted a certificate (minor) in physical education, by successfully completing the following requirements:

1. The student must be examined by the college health service, and secure a written statement that she is in sound physical condition and is able to carry on a strenuous program of activity. This statement must be presented to the head of the women's physical education department.
2. The student must take the following credit courses: Biology 34 (Physiologic Hygiene), Biology 35 (Human Anatomy) Physical Education 31, 52, and 76; and either Physical Education 53 or 54.
3. The student must take the following activities courses: Physical Education 65, 66, 67, and 71.

11, 12. PHYSICAL EDUCATION ACTIVITIES.

This is the required course for all women students and is to be taken in the Freshman year. The course includes calisthenics and participation in individual and group games and sports. 72 clock hours.

Both semesters.

Activity credit.

31. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION.

Same as Physical Education 31 for men.

First semester.

Credit, two hours.

52. KINESIOLOGY.

Same as Physical Education 52 for men.

Second semester.

Credit, two hours.

53. CORRECTIVE AND RESTRICTED EXERCISE.

This class is designed to acquaint the student with common postural faults, the causes for these faults, and the exercise methods used to correct or arrest them. Further, the student will learn diversional activities in the field of physical education which are indicated in cases where, for medical reasons, girls are not permitted to take regular class exercise.

First semester.

Credit, two hours.

54. COMMUNITY RECREATION.

Same as Physical Education 54 for men.

Second semester.

Credit, three hours.

65. FUNDAMENTALS OF ARCHERY, BADMINTON, AND MINOR SPORTS.

Designed to give the student an opportunity to develop skill in these sports, as well as coaching and officiating experience. 72 clock hours.

First semester.

Activity credit.

66. FUNDAMENTALS OF BASKETBALL AND TENNIS.

Designed to give the student an opportunity to acquire skill, as well as coaching and officiating experience, in each sport. 72 clock hours.

Second semester.

Activity credit.

67. RHYTHMS, GYMNASTICS, AND TUMBLING.

This course is planned to give the student a background in Danish and Swedish gymnastics, and in marching tactics, tumbling, and stunts. Experience will also be given in methods of teaching rhythmic activities to junior and senior high school students. 72 clock hours.

First semester.

Activity credit.

71. ASSISTING IN FRESHMAN PHYSICAL EDUCATION.

This class is offered to further prepare the student for teaching physical education. Here she will assist in teaching and will gain experience in keeping records, grading, tests and measurements, and in the purchase, use and care of equipment. 72 clock hours.

Both semesters.

Activity credit.

75. TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.

This course is designed to acquaint the student with the games, rhythms, story-plays, and other physical activities suitable for each of the elementary grades. Specific attention is given to objectives and methods of organization, and each student is required to do practice teaching in these activities as part of the class work. Elective to prospective elementary school teachers and women taking a minor in Health and Physical Education.

First semester.

Credit, two hours.

76. TEACHING PHYSICAL EDUCATION IN THE SECONDARY SCHOOL.

This course consists of a thorough study of the fundamentals and rules of games of higher organization, and of mass and individual sports. Practical experience is given in lesson planning, organizing, teaching and officiating.

Second semester.

Credit, three hours.

PHYSICS

11. METEOROLOGY.

A study of the various physical processes and laws underlying the phenomena of weather and climate. Such topics as the composition of the atmosphere, the physical behavior of dry air and moist air, including normal, dry adiabatic, and saturated adiabatic lapse rates, clouds, fogs, precipitation, radiation, migratory cyclones and anticyclones, fronts, air masses and source regions are considered.

First semester.

Credit, two hours.

13. HOUSEHOLD PHYSICS.

A presentation of the fundamentals of Physics in their relationship to the problems of the home. Three recitation periods and one laboratory period per week.

Second semester.

Credit, four hours.

21. MUSICAL ACOUSTICS.

An introduction to the fundamental laws of acoustics which have to do with the production and transmission of musical sounds. Offered on demand.

Credit, two hours.

31, 32. GENERAL PHYSICS.

First semester: mechanics of solids and liquids, sound and heat. Second semester: magnetism, electricity, and light. Recitation, four hours; laboratory, one period per week. Must be preceded by Mathematics 14.

Throughout the year.

Credit per semester, five hours.

51. MODERN PHYSICS.

An advanced course in which are studied some of the developments of physics since the discovery of radioactivity with a special emphasis upon the subject of atomic structure.

First semester.

Credit, three hours.

61. ANALYTICAL MECHANICS.

An advanced course in statics. It is recommended to students interested in physics, astronomy, engineering, and applied mathematics. Prerequisites: Mathematics 31 and 51.

First semester.

Credit, three hours.

71. ELECTRICAL MEASUREMENTS.

An advanced course in electricity and magnetism. Recitation, two hours; laboratory, three hours. Prerequisites: Mathematics 31 and 51.

Second semester.

Credit, four hours.

72. PHYSICAL OPTICS.

An intermediate course in light continuing the study of wave motion, spectra, refraction, diffraction, polarization, quantum theory, etc.

Second semester.

Credit, three hours.

POLITICAL SCIENCE**31. NATIONAL GOVERNMENT.**

A study of the national government from its origins through its development to the present with emphasis on procedure and practical governmental problems.

First semester.

Credit, three hours.

32. STATE AND LOCAL GOVERNMENT.

A study of the procedures of government in all the states with special reference to Michigan. Local government is studied with its various functions and applications.

Second semester.

Credit, three hours.

52. POLITICAL PARTIES AND ELECTORAL PROBLEMS.

A study of political parties, their history and how they operate, and of the conduct and problems of elections.

Second semester.

Credit, three hours.

61. AMERICAN CONSTITUTIONAL HISTORY.

Same as History 61. Alternate years, 1947-1948.

First semester.

Credit, three hours.

62. ENGLISH CONSTITUTIONAL HISTORY.

Same as History 62. Alternate years, 1948-1949.

Second semester.

Credit, three hours.

PSYCHOLOGY

Psychology is the science of behavior. An understanding of the causes and conditions which lead men to behave as they do is essential to a solution of the problems which arise in personal and social affairs.

Students whose vocational interests lie in the areas of education, social work, the ministry, personnel work, medical practice, or other fields involving intimate personal contacts, will find in psychology an aid to understanding themselves and their relationship to those with whom they are to work.

MAJOR: Students who wish to major in psychology should make application to the head of the department by the close of the sophomore year. Specific requirements include: a minimum of 25 semester hours in psychology, including courses numbered 31, 54, 57, 59; Biology 11, 12; and Sociology 31. For those intending to pursue graduate work in psychology or a closely related field, such as Personnel Administration or Social Work, Psychology 51, 52, and 56; Biology 61; and Philosophy 53 are strongly recommended.

31. INTRODUCTION TO GENERAL PSYCHOLOGY.

A beginning course to acquaint the student with the basic facts and principles in psychology. Emphasis is placed on the factors underlying human behavior, and the role of learning in modifying human conduct. Required of all students for graduation, and is a prerequisite to all other courses in this department.

Both semesters.

Credit, three hours.

32. APPLIED PSYCHOLOGY.

A survey of the areas in which psychological principles are usefully applied, including industrial, advertising, legal and commercial fields.

Second semester.

Credit, three hours.

51, 52. PSYCHOLOGY OF LEARNING.

Recognizing the importance of learning in all of man's behavior, this course considers in detail the conditions which determine learning and retention. After an initial survey of the field, attention is given to the experimental work in conditioning, to other contributions in the field of animal learning, and finally to a consideration of the available data and current theories in human learning. Open only to Juniors and Seniors who plan to major in psychology or in a closely related field. Approval of the head of department is necessary for registration.

Throughout the year.

Credit per semester, three hours.

53. SOCIAL PSYCHOLOGY.

A study of the psychological principles underlying the social and group aspects of human living. Consideration is given to the conditions which initiate and determine the course of group behavior, and to the methods whereby the nature of underlying attitudes may be determined and measured.

First semester.

Credit, three hours.

54. PSYCHOLOGY OF HUMAN ADJUSTMENT.

The aim of this course is to bring to the student a better understanding of his own behavior and that of others. The nature of basic and acquired needs is presented, and the behaviors which arise and the methods whereby men seek to satisfy these needs are discussed.

Second semester, 1948-1949.

Credit, three hours.

55. EDUCATIONAL PSYCHOLOGY.

Same as Education 52.

Second semester.

Credit, three hours.

56. CHILD DEVELOPMENT.

A survey of the development of the human from conception to adolescence. Emphasis is placed on the orderly nature of the child's physical, motor and language development, and the role of the parent or teacher in providing an optimum setting for this development.

Second semester, 1948-1949.

Credit, three hours.

57. INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY.

A combination laboratory and textbook course, designed to familiarize the student with the methods employed in psychological research, and with representative and significant research contributions to the field. This course will be offered upon demand, as soon as equipment becomes available.

Credit, three hours.

58. ABNORMAL PSYCHOLOGY.

An introduction to the study of human behavior disorders. Includes investigation into the psychological processes and etiological factors involved, description of the more common mental illnesses, and a discussion of existing therapeutic measures. Prerequisites: Psychology 31 and 54 or consent of instructor; Psychology 53 recommended.

Second semester.

Credit, three hours.

59. MATHEMATICS OF STATISTICS.

Same as Mathematics 37.

Second semester.

Credit, three hours.

91. READINGS IN PSYCHOLOGY.

An individual course for students of superior ability who plan to take advanced work in psychology, and who wish additional preparation in specialized areas of the field. Permission of the head of the department is required before registering for this course.

Both semesters.

Credit arranged.

RELIGION AND BIBLE

Certain courses are required of all students. They are numbered 11, 31, 51, and 71. One of these courses is to be taken by each student each year he is in residence at Hope College. Additional courses are offered for those desiring further work in Religion and Bible.

MAJOR: For those contemplating religious work at home or abroad, for whom Hope College must furnish the major part of their training, a major in the department of Religion and Bible is advised. Students planning to enter a Theological Seminary are advised to follow the Pre-Theology program that has been set up. (See page 113 of this catalog.) A major in Religion and Bible shall consist of a minimum of twenty-six hours in the department and a maximum of thirty hours. Students majoring in Religion and Bible should see the head of the department to secure approval of their course program.

11. THE LIFE OF CHRIST.

The purpose of this course is to enable the student to come to a better understanding of the historical Jesus through a comparative study of the four gospels. Required of all freshmen.

Both semesters.

Credit, two hours.

31. THE NEW TESTAMENT CHURCH.

Includes a study of the founding and expansion of the early Christian Church, with a discussion of its problems. Required sophomore year.

Both semesters.

Credit, two hours.

51. OLD TESTAMENT HISTORY.

The primary aim of this course is to acquaint the student with the Old Testament through a brief survey of the history of Israel. Emphasis is placed on the religious ideas, and their development, in the Old Testament record. Required junior year.

Both semesters.

Credit, two hours.

53. PRINCIPLES OF RELIGIOUS EDUCATION.

A general survey of the field of religious education dealing with the methods of teaching religious materials, and the basic principles of administration of schools of religion. Offered alternate years, 1948-1949.

Second semester.

Credit, two hours.

61. MODERN RELIGIOUS MOVEMENTS.

Includes a study of the history and teaching of such religious movements as Mormonism, Spiritualism, Christian Science, Theosophy, the Jehovah's Witnesses, the Barthian theological revival and others. Offered alternate years, 1948-1949.

First semester.

Credit, two hours.

62. NON-CHRISTIAN RELIGIONS.

A study is made of selected leading non-Christian religions including Mohammedanism, Confucianism, Hinduism and Buddhism. Attention is given to the historical development and doctrinal emphases of these faiths and their relation to Christianity. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

63. HISTORY OF THE BIBLE.

Includes the study of such questions as How the Bible was Originally Written, Chief Sources of Our Biblical Text, Formation of the Canon of the Bible, and Translations of the Bible into English. Alternate years, 1948-1949.

First semester.

Credit, two hours.

64. THE HEBREW PROPHETS.

A study of the social and religious messages of the Hebrew prophets in their historical setting. Part of the course is devoted to the problems of the fulfillment of prophecy and the methods of interpreting the prophets today. Alternate years, 1947-1948.

Second semester.

Credit, two hours.

71. THE PHILOSOPHY OF THE CHRISTIAN RELIGION.

Emphasizes the Christian conception of the nature of God, of man, and of the world. Includes a consideration of the relation of the natural to the supernatural, the significance of revelation, and the person of Jesus Christ. Required senior year.

Both semesters.

Credit, three hours.

73. CHURCH HISTORY; THE ANCIENT AND MEDIEVAL CHURCH.

This course surveys the history of the Church from the Apostolic Age to the time of the Reformation. It studies the establishment of the Church in the Roman Empire, its survival and growth after the fall of the Empire, and its internal and external growth, including the evangelization of northern Europe. Alternate years, 1949-1950.

First semester.

Credit, three hours.

74. CHURCH HISTORY; THE REFORMATION AND POST- REFORMATION CHURCH.

Consideration is given the Protestant Reformation of the sixteenth century, the rise of rationalism and Pietism, the rise of the denominations and the modern missionary movement. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

78. HISTORY OF RELIGION IN AMERICA.

A study of the history of the various religious movements in our own country, from colonial times down to the present day. Alternate years, 1949-1950.

First semester.

Credit, three hours.

81. ARCHAEOLOGY AND THE BIBLE.

In this course archaeological discoveries are studied with special reference to material corroborative of the Biblical narratives. Alternate years, 1947-1948.

Second semester.

Credit, three hours.

83. INTERTESTAMENTARY HISTORY.

This course will cover the period from the end of the Babylonian exile of the Hebrew people to the time of Herod the Great and the birth of Christ. It treats the history of the Medo-Persian and Alexandrian empires and the succeeding dynasties as they relate to Biblical history. Alternate years, 1947-1948.

First semester.

Credit, two hours.

SECRETARIAL EDUCATION

Secretarial courses, offered in combination with required courses and courses in other subjects, are designated to train young people for (1) secretarial work in business, church, and social organizations; (2) teachers of commercial subjects in secondary schools.

A four-year college program is set up for those who wish to prepare themselves for teachers of commercial subjects. In addition to concentrated effort in Business Administration, Secretarial Education, and English, such students are required to complete the stated courses in Education for proper teaching certification.

A total of ten credit hours may be earned in secretarial education. Students may elect more training in this work, but without credit toward the A. B. degree.

11, 12. ELEMENTARY TYPEWRITING.

A course for students without previous preparation in typewriting. Class meets four hours per week throughout the school year. Minimum speed attainment, 45 words per minute.

Throughout the year.

Credit per semester, two hours.

13, 14. STENOGRAPHY.

A course designed for students without previous preparation in stenography. Class meets four hours per week throughout the school year. Minimum dictation speed, 80 words per minute.

Throughout the year.

Credit per semester, three hours.

31, 32. ADVANCED TYPEWRITING.

Students electing this course should have had courses 11, 12 or equivalent preparation as prerequisite training. Class meets four hours per week throughout the school year. Minimum speed, 65 words per minute.

Throughout the year.

Credit per semester, two hours.

33, 34. ADVANCED STENOGRAPHY.

Prerequisite: Courses 13, 14 or their equivalent. Three class hours per week throughout the school year. Minimum requirement is ability to take dictation at 110 words per minute.

Throughout the year.

Credit per semester, three hours.

35. SECRETARIAL PRACTICE.

The course provides advanced training in office practice, filing, use of business forms and calendars, operation of machines, and problems of business etiquette.

Both semesters.

Credit, four hours.

BUSINESS ENGLISH. See English 51, 52.

SOCIOLOGY

MAJOR: A major in sociology requires a minimum of twenty-five hours of courses in the department. The course sequence must be approved by the departmental advisor.

Students interested in preparing for social service work should consult the program for a major in the field of Social Work found on page 114 of the catalog.

31. INTRODUCTORY SOCIOLOGY.

An explanation of the fundamental facts and principles concerning American society, as well as a study of the methods and results of the control of man's social tendencies. A preparation for later sociology courses.

Both semesters.

Credit, three hours.

32. SOCIAL PROBLEMS.

Attention is centered on social expressions of maladjustment with a view to their amelioration or solution. Problems studied include poverty, crime, race, population, immigration and family disorganization. Prerequisite, Sociology 31.

Both semesters.

Credit, three hours.

51. HISTORY OF SOCIAL THOUGHT.

A study of the gradual development of social theory through the centuries, including the rise of academic sociology. Prerequisites, Sociology 31 and 32. Alternate years, 1948-1949.

First semester.

Credit, two hours.

52. SOCIAL INSTITUTIONS.

An intensive study is made of the nature and purpose of the primary social institutions. Prerequisites, Sociology 31 and 32. Alternate years, 1947-1948.

Second semester.

Credit, three hours.

53. RURAL SOCIOLOGY.

A consideration of the special group-life problems of the rural area. Prerequisites, Sociology 31 and 32. Alternate years, 1948-1949.

First semester.

Credit, two hours.

54. URBAN SOCIOLOGY.

A study of the various relationships between groups within the city, considering such problems of city life as city planning, housing, sanitation and recreation. Prerequisites, Sociology 31 and 32. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

58. THE FIELD OF SOCIAL WORK.

A survey of the Field of Social Work as a whole for preprofessional students of social work and allied fields—ministry, medicine, teaching, law. Analysis of social work philosophy, social work practise, and job requirements. Illustrations from each field to be presented and interpreted by an active practitioner in the field. Occasional field observation trips constitute an integral part of the course. Prerequisite: Sociology 31.

Second semester.

Credit, two hours.

59. PHILOSOPHY OF SOCIAL WORK.

A study of human motivation and an appraisal of the relation of religion to the democratic way of life. Stress is placed upon the value of religious commitments as related to social work. Prerequisites, Sociology 31 and 58. Alternate years, 1949-1950.

First semester.

Credit, two hours.

71. INTRODUCTION TO SOCIAL CASE WORK.

An orientation course in case work introducing methods of giving services to individuals through social agencies. Analysis of Federal, State, and Local Welfare structure, finance, and personnel to be included. Also field observations in Ottawa County Bureau of Social Aid for a limited number of students. A Civil Service Examination may constitute the final examination. Prerequisites: Sociology 31 and 58.

First semester.

Credit, two hours.

72. THE FAMILY AND MARRIAGE RELATIONSHIPS.

A systematic and practical exposition of the problems of courtship, child guidance and domestic discord, stressing the importance of proper marital relationship in the life of the individual as well as to society in general. Open to Seniors only.

Second semester.

Credit, two hours.

73. CRIMINOLOGY.

A study of the nature and the causes of crime, and of the methods of dealing with adult and juvenile offenders. Prerequisites, Sociology 31 and 32, and consent of instructor. Alternate years, 1949-1950.

First semester.

Credit, two hours.

SPEECH

Courses in Speech may be compared to a tuning-fork, the handle represented by the basic courses 11 and 34, and the two prongs by courses in the so-called self-expressive and interpretive phases of speech. Anyone majoring in Speech is expected to acquire proficiency in both of the latter fields. A major in Speech consists of twenty-four semester hours in addition to Speech 11, and should include courses 34, 37, 38, 41, 51, 52, 53, 59, and either 54 or 55, or 58 or 61.

11. FUNDAMENTALS OF SPEECH.

Theory and practice of public speaking, with major emphasis upon delivery and bodily action, and the attainment of the objectives of confidence and contact. Required of all freshmen. Speech 11 is a prerequisite to all other courses in speech.

Both semesters.

Credit, two hours.

34. PUBLIC SPEAKING.

Intended as a logical continuation of 11. Continued stress upon delivery with major emphasis upon voice control, and also introductory to the fields of interpretation and speech composition. Prerequisite: Speech 11.

Second semester.

Credit, two hours.

37. INTERPRETATION.

The reading of prose and poetry from the book and from memory. Development of intellectual and emotional understanding of material read, and practice on the techniques of expression. Prerequisite: Speech 11.

First semester.

Credit, two hours.

38. INTERPRETATION.

Continuation of 37 with emphasis on the preparation of programs for public delivery. Credit given only after satisfactory public performances. Prerequisite: 37.

Second semester.

Credit, two hours.

39. SCRIPTURE READING.

A course designated (1) to develop increased appreciation of the Bible through oral reading, and (2) to promote effective public reading of the Bible. Especially recommended for pre-seminary students. Prerequisite: 37, or permission of the teacher.

First semester.

Credit, two hours.

41. COMMUNITY DRAMA.

A survey course in the problems of producing plays in the community—for school, church, or club. This is a beginning course in theatre, a prerequisite to most other courses in dramatics. About one-third of the time will be devoted to lecture; the rest to laboratory practice. Open to all students.

First semester.

Credit, three hours.

51. ARGUMENTATION AND DEBATE.

The underlying principles of debating and argumentation are studied. Classroom debates upon current topics. Briefing, techniques of securing conviction studied and applied.

First semester.

Credit, three hours.

52. GROUP DISCUSSION.

Principles and methods of discussion and conference, with practical application through the round table, panel, symposium, and forum-lecture in the discussion of contemporary problems. Conduct of meetings and parliamentary procedure.

Second semester.

Credit, three hours.

53. PERSUASION.

An advanced speech course with major emphasis upon speech composition and audience psychology; discussions on collecting and preserving material, organization and adaptation of speeches; study of the impelling motives and factors of attention; group and crowd behavior. Required for pre-seminary students. Prerequisite: 34 or 37.

First semester.

Credit, three hours.

54. FORMS OF PUBLIC ADDRESS.

A study of some of the leading forms of public address such as courtesy and goodwill speeches, the legal speech, the sermon, the radio speech, after-dinner speeches, the political speech, the commencement speech, and lecture. Analysis of models. Prerequisite: Speech 53.

Second semester.

Credit, three hours.

55, 56. DEBATE SEMINAR.

An intensive study of one or two questions used in intercollegiate debates for the year. Library research, preparation of briefs, and much practice in speaking. Prerequisite: Speech 51 and one year on college debate squad.

Throughout the year.

Credit per semester, two hours.

58. PLAY DIRECTING.

Theory and practice of play directing. Students will direct plays, having complete responsibility (under supervision) for choice of play, casting, rehearsal, and staging. Such plays are expected to have studio audiences. Prerequisite: Speech 41.

Second semester.

Credit, three hours.

59. STAGECRAFT.

The staging of the play—scenery, costumes, lighting, properties, make-up, etc. Prerequisite: Community Drama 41.

Credit, three hours.

61. ACTING.

Study of the principles of acting, and practice in their application in studio production. Prerequisites: Interpretation 37 and Community Drama 41, or permission of instructor.

Credit, three hours.

71. ORATORY.

Preparation in the research, composition, and delivery of orations for the local and intercollegiate oratorical contests sponsored by the college. Prerequisite: permission of instructor.

First semester.

Credit, one or two hours.

SUGGESTED CURRICULA

The first task of Hope College is to provide for every student a broad base of general education—one that will enlarge his understanding of the world in which he lives, help him in disciplining his mind, and provide him with a vital Christian philosophy.

The second task of the college is to prepare each student to take his place either directly in a chosen vocation or profession, or in a professional or graduate school in which he may continue his specialized training for a career.

For those students planning on graduate study, departmental majors should be followed, and the chairmen of the departments will serve as the advisers. For students going to specific professional schools and for those entering vocations or professions directly from college, the curricula suggested below are designed to be of value.

BUSINESS

The following program is offered as a suggested curriculum for students interested in a general business course. It is designed to provide a basic training in business and related economics as well as to permit development in other departments.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Speech 11 and Bible	11	2
Foreign Language	4	4
History 11, 12	4	4
Mathematics 13, 14 or 11, 15	3	3-4
Physical Education	R	R
	<hr/> 16	<hr/> 16-17

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
English 31, 32	3	3
Foreign Language	4	4
Bible 31	2	
Psychology 31		3
Principles of Economics, Economics 31, 32	3	3
Principles of Accounting 31, 32	3	3
	<hr/> 15	<hr/> 16

JUNIOR YEAR

Subject	Semester 1st	Hours 2nd
Bible 51	2	
Bus. Organization 51	3	
Business Law 54		3
Bus. Management 52		3
Economics Statistics, Economics 61	4	
Labor Econ., Econ. 52		3
Marketing Principles 61	3	
English 51	2	
Sociology 31		3
Electives (Including 2 or more hours in Science)	2	4
	<hr/> 16	<hr/> 16

SENIOR YEAR

Subject	Semester 1st	Hours 2nd
Econ. Analysis, Economics 71	3	
Finance Principles 72		3
Money and Banking, Economics 51	3	
Personnel Admin. 73	3	
Bible 71		3
Electives: Economics and Business Admin.	3	6
Other Electives	4	4
	<hr/> 16	<hr/> 16

Electives should be chosen from suggestions of the student's counselor or chairman of the department of Economics and Business Administration.

CHRISTIAN MINISTRY

Students who intend to enter the gospel ministry should elects a four-year general liberal arts program. The following curriculum is offered as a minimum program for admission to theological schools.

FRESHMAN YEAR

Subject	Semester 1st	Hours 2nd
English 11, 12	3	3
Bible and Speech 11	2	2
Greek 11, 12	4	4
Science	4	4
Electives	3	3
Physical Education	R	R
	<hr/> 16	<hr/> 16

SOPHOMORE YEAR

Subject	Semester 1st	Hours 2nd
English 31, 32	3	3
Bible 31	2	
Psychology 31		3
Greek 31, 32	3	3
Sociology 31	3	
Philosophy 31		2
Electives	5	5
	<hr/> 16	<hr/> 16

JUNIOR YEAR				SENIOR YEAR			
Subject	Semester 1st	Hours 2nd		Subject	Semester 1st	Hours 2nd	
History 51, 52	3	3		Bible 71		3	
Bible 51		2		Philosophy 71	3		
Philosophy 51, 52	3	3		History 71		3	
English 53	2			Music 77	2		
Speech 53	3			Electives	11	10	
Electives	5	8			16	16	
	16	16					

Among the courses elected by the student there must be included an additional six hours of advanced literature in the department of English, five hours of philosophy, four hours of speech, two hours of Greek, and three hours of psychology.

DENTISTRY

Students who complete the first three years of a pre-medical course will regularly be admitted to a College of Dentistry. It is advisable for the student to select his school of dentistry as soon as possible in order to prepare for the specific requirements of the dental school of his choice.

Most pre-dentistry students find it advisable to complete either a three- or four-year college program for entrance into the Dental School of their choice. See the four-year pre-medical curriculum.

Students who plan to attend Hope College only two years for pre-dental study should consult with the pre-dental adviser.

FIELD OF SOCIAL WORK

Those students who are interested in the field of social work should plan a four-year liberal arts program with concentration in the subjects of Psychology, Sociology, and related courses in the social sciences. Some additional courses in Speech beyond the required Speech 11 should be included. Courses in Philosophy are also advisable. For further details, the student should consult the adviser in the Field of Social Work.

FORESTRY

The following two-year pre-forestry course is fully approved by the University of Michigan and Michigan State College. Successful completion of it will enable the student to enter a Forestry School for a degree in forestry. A three-year program is also available to students desiring a more complete pre-forestry training.

FRESHMAN YEAR

Subject	Semester		Hours
	1st	2nd	
English 11, 12	3	3	
Bible 11 and Speech 11	2	2	
Biology 11, 21	4	4	
Mechanical Drawing 21	3		
Mathematics 15, 16	4	4	
Mathematics 42		2	
Electives		1	
Physical Education	R	R	
	<hr/> 16	<hr/> 16	

SOPHOMORE YEAR

Subject	Semester		Hours
	1st	2nd	
Biology 22, 12	4	4	
Chemistry 11, 12	4	4	
Economics 31, 32	4	4	
Psychology 31		3	
Bible 31	2		
Electives	2	1	
	<hr/> 16	<hr/> 16	

LAW

Students desiring to enter the legal profession will find that most of the law schools do not prescribe a specific pre-professional program. A general liberal arts program is considered the best pre-legal preparation with concentrated study in the social sciences and considerable study in speech. A two-year pre-legal curriculum, successfully completed, will enable a student to enter some law schools. However, many law schools urge or require a student to complete a four-year pre-law program.

Pre-law students should major in history and secure as many courses in political science as possible. A minimum of thirteen hours of Speech is suggested, specifically courses 11, 34, 51, 52, and 53. Courses in Economics, Psychology, and Philosophy are also recommended.

MEDICINE

The following four-year pre-medical curriculum has been made available to pre-medical students at Hope College for some time. It meets the most rigid requirements of medical schools.

FRESHMAN YEAR

Subject	Semester		Hours
	1st	2nd	
English 11, 12	3	3	
Bible and Speech 11	2	2	
Foreign Language	4	4	
Mathematics 13, 14	3	3	
Chemistry 11, 12	4	4	
Physical Education	R	R	
	16	16	

SOPHOMORE YEAR

Subject	Semester		Hours
	1st	2nd	
Chemistry 31, 32	4	4	
English 31, 32	3	3	
Foreign Language	4	4	
Biology 11, 12	4	4	
Bible 31		2	
	15	17	

JUNIOR YEAR

Subject	Semester		Hours
	1st	2nd	
Physics 31, 32	5	5	
Bible 51	2		
Biology 31, 32, 55, 63 or			
Chemistry 51, 52	5	5	
Social Science		3	
Psychology	3		
Electives	1	3	
	16	16	

SENIOR YEAR

Subject	Semester		Hours
	1st	2nd	
Chemistry 51, 52 or			
Biology 53, 55, 64, 72	5	5	
Bible 71		3	
Sociology 31, 32	3	3	
Electives	8	5	
	16	16	

A student may give preference to Biology instead of Chemistry in the Freshman year.

Students who expect to transfer to a medical school at the end of the Junior year should begin both Chemistry and Biology in the Freshman year.

The above program satisfies the requirements of practically all medical schools. Students should designate the medical school they wish to enter as soon as possible. Early designation of a medical school will enable them to prepare for the requirements of that school.

The college cooperates with the medical schools in giving the Aptitude Test required of all pre-medical students.

NURSING

Higher education is increasingly important in the training of nurses and makes for greater advancement and success after graduation. The better hospitals now insist on having some college graduates in every new class and select the other students in part on the amount of college education they have. Instead of obtaining the A. B. degree before training, some of our former students have taken two years of college work previous to nurses' training and have returned afterward for one more year and thus obtained their degree. A few of these have the opportunity to be self-supporting as resident nurses in the girls' dormitories.

TEACHING

Hope College provides an elementary and secondary teacher training program, the completion of which qualifies the student to teach in most of the states. Inasmuch as teaching requirements vary in some of the states, students electing the teacher training program should consult with the chairman of the College Department of Education during the Freshman year. Under the course offerings in Education are outlined the requirements for a teacher certificate in the State of Michigan. See pages 75 and 76.

For those planning on preparing for college teaching a major in the chosen department of specialization is advisable. The department adviser should be consulted in working out the academic program for the four years. For such students, French or German should normally be elected for foreign language study, preferably both if the student plans to work for a Ph.D. degree.'

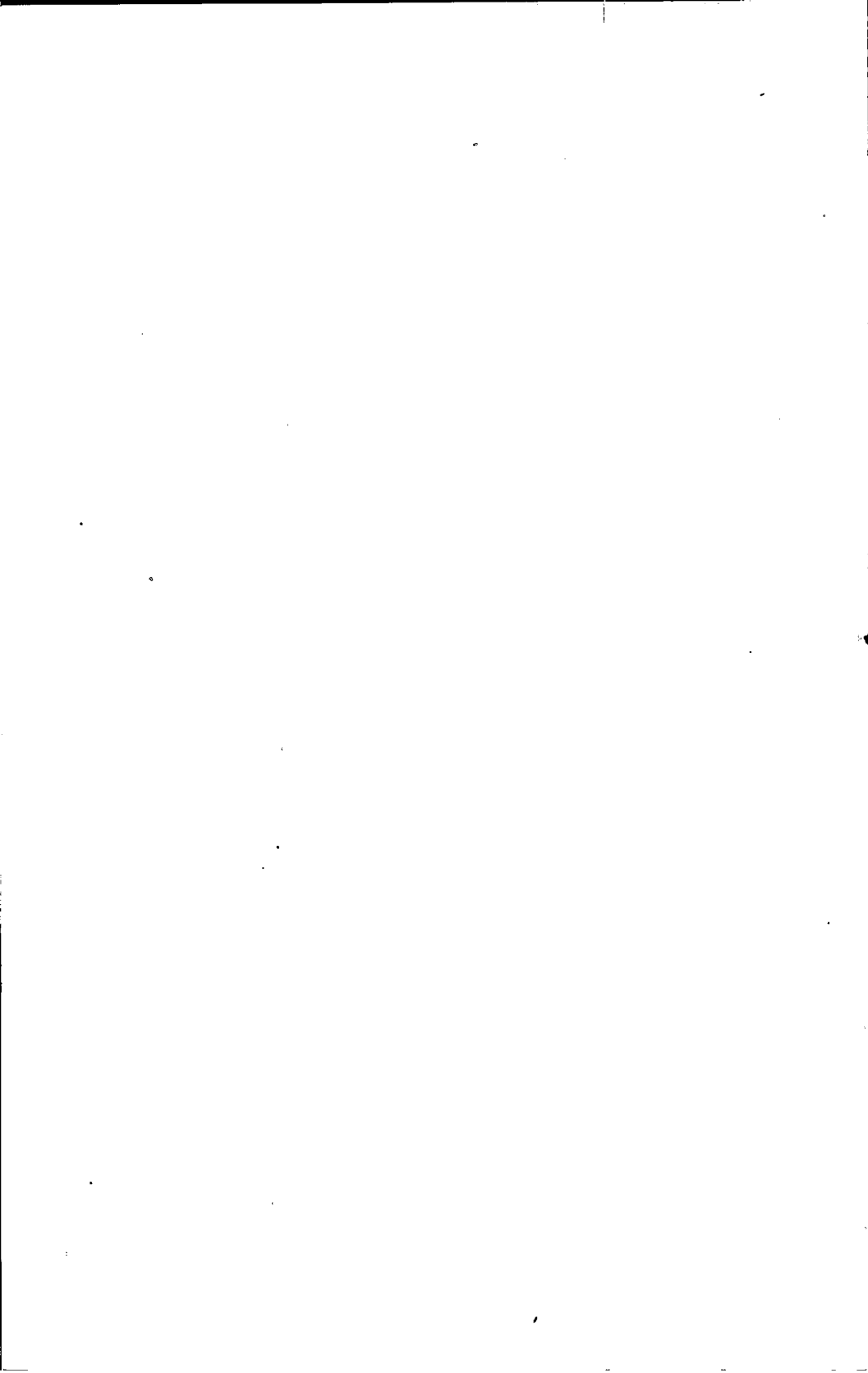
PART VI

GRADUATES, JUNE 1947

HONORARY DEGREES AND AWARDS

STUDENT BODY ROSTER

INDEX



A. B. DEGREES CONFERRED IN 1947

Anderson, Arthur Walter, Jr.	Grand Haven, Michigan
Archer, Barbara Jane	Conewango, New York
Barkema, Robert Henry	Holland, Michigan
Beatty, Daniel Davis	Custer, South Dakota
Bilkert, Barbara Ann	Klamazoo, Michigan
Bilkert, Virginia Ruth	Kalamazoo, Michigan
Boerman, Clarence J.	Zeeland, Michigan
Bogard, David Hugh	Little Falls, New Jersey
Bogart, Mary Esther	Sea Cliff, New York
Bosland, Ellene Ann	Hawthorne, New Jersey
Bowmaster, Benjamin Henry	Holland, Michigan
Brouwer, Myra Jean	Holland, Michigan
Buursma, John, Jr.	Holland, Michigan
Dalman, George	Holland, Michigan
Dame, Marian Louise	Kalamazoo, Michigan
Danhof, Robert John	Zeeland, Michigan
Davidson, Charles William, Jr.	Grand Rapids, Michigan
De Boer, Willis Herman	Leota, Minnesota
Decker, Jacquelyn Joanne	Benton Harbor, Michigan
Dekker, Randall Marion	Zeeland, Michigan
De Neve, Warren Howard, Jr.	Point Pleasant, New York
Des Autels, Harold Edward	Detroit, Michigan
De Vette, Russell Bernard	Muskegon, Michigan
De Voogd, Albert	Comstock Park, Michigan
Dorsch, Dorothy Mills	Holland, Michigan
Dorsch, Robert Herman	Holland, Michigan
Droog, Chester John	Holland, Michigan
Dykema, Vivian Mae	Muskegon, Michigan
Efrd, Vada Mae	Douglaston, New York
Fikse, Anna	Hudsonville, Michigan
Fris, Jacob Dale	Holland, Michigan
Fuller, Betty Jean	Syracuse, New York
Gore, Glenna	Traverse City, Michigan
Gysbers, Marjorie Mae	Waupun, Wisconsin
Haak, William John	Sodus, New York
Hains, Harriet Dean	Coopersville, Michigan
Hamm, Robert Louis	Holland, Michigan
Harmeling, Evelyn Wezeman	Oak Park, Illinois
Haskin, Phyllis Alene	Holland, Michigan
Hellenga, Bertha Elaine	Allegan, Michigan
Heneveld, Lowell Dean	Wyckoff, New Jersey
Herlein, Edith Marjorie	Muskegon, Michigan

Hietbrink, Warren Marvin
 Huizenga, Raymond Jay
 Ingham, Don Eugene
 Knooihuizen, Charles Edgar
 Koranda, LeRoy Frederick
 Korteling, Marian Alice
 Krings, Walter John
 Lock, Kathryn Jane
 Lundberg, Athlyn Lee
 Luth, Clarence Robert
 Maassen, Gertrude Nelvina
 MacInnes, William Decker
 Manting, George, Jr.
 Meeusen, Elaine Donna
 Meeuwssen, Alvin LeRoy
 Meiners, Harry H., Jr.
 Meulendyke, Jean Mary
 Meulendyke, Lois Katherine
 Miller, Frederick John, Jr.
 Molter, Stanley Herbert
 Mooi, John
 Muyskens, Harriet Bernice
 Opie, Doris Marie
 Poppen, George Calvin
 Probst, Ruth Roberta
 Pyle, Luella Verna
 Ratering, Edwin Gene
 Resch, Robert Parker, II
 Rietberg, Roger Jay
 Ritsema, Nellie Mae
 Sandee, LeRoy Abraham
 Scholten, Rosalind Alice
 Schriemer, Donald James
 Schuller, Robert Harold
 Soderberg, Keith Raymond
 Stegenga, Preston Jay
 Stephens, Marjorie Voss
 Stoppels, Allen Dale
 Strabbing, Robert James
 Ter Beek, Margaret Louise
 Timmer, Arthur Richard
 Timmer, Betty Ruth
 Vanden Bosch, Jay Henry
 Vander Broek, John Keppel

Wilmont, Minnesota
 Hudsonville, Michigan
 Ferndale, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Ithaca, New York
 Flushing, New York
 Grand Rapids, Michigan 5
 Muskegon, Michigan
 Evergreen Park, Illinois
 Friesland, Wisconsin
 Middletown, New York
 Holland, Michigan
 Zeeland, Michigan
 Muskegon Heights, Michigan
 Washington, D. C.
 Rochester, New York
 Rochester, New York 6
 Grand Rapids, Michigan
 Cedar Grove, Wisconsin
 Holland, Michigan
 Orange City, Iowa
 Neshanic, New Jersey
 Belmond, Iowa
 Nyack, New York
 Paterson, New Jersey
 Grandville, Michigan
 Flushing, New York 7
 Grand Rapids, Michigan
 Mokense, Illinois
 Holland, Michigan
 Neshanic, New Jersey
 Grand Rapids, Michigan
 Alton, Iowa
 Holland, Michigan
 North Bergen, New Jersey
 South Holland, Illinois
 Holland, Michigan 16
 Holland, Michigan
 Holland, Michigan
 Grandville, Michigan
 Muskegon, Michigan
 Zeeland, Michigan
 Holland, Michigan

Vander Jagt, Anne Mae
 Van Derveer, Anne
 Vande Waa, Alfred John
 Van Dis, Robert Wayne
 Van Dort, Paul
 Van Heest, Rhea Johanna
 Van Lente, Elizabeth Lorena
 Van Liere, Clarence William
 Van Oeveren, John Franklin
 Van Saun, Martha Rose
 Van Tamelen, Eugene Earl
 Van Tatenhove, Edna Mae
 Van Zylen, Charles Wayne
 Voss, Phyllis Joan
 Vredeveld, Gertrude Marion
 Vriesman, Dick Wolffis
 Wagner, Clarence Melvin
 Weemhoff, Donald Lloyd
 Westrate, William Jr.
 Wierenga, Henry James
 Young, Mary Martha
 Zandbergen, Howard K.

Grand Rapids, Michigan
 Douglaston, New York
 Orange City, Iowa
 Kalamazoo, Michigan
 Holland, Michigan
 Catskill, New York
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Holland, Michigan
 Holland, Michigan
 South Holland, Illinois
 Grand Rapids, Michigan
 Muskegon, Michigan
 Chicago, Illinois
 Grand Rapids, Michigan
 Holland, Michigan
 Grand Haven, Michigan
 Sodus, New York
 Grandville, Michigan

HONOR ROLL

SUMMA CUM LAUDE

Joanne Jacquelyn Decker

MAGNA CUM LAUDE

Ellene Ann Bosland
 John Mooi

Luella Verna Pyle
 Martha Rose Van Saun

CUM LAUDE

Marian Louise Dame
 Vivian Mae Dykema
 Edith Marjorie Herlein
 Marian Alice Korteling
 Kathryn Jane Lock

Nellie Mae Ritsema
 Rosalind Alice Scholten
 Marjorie Voss Stephens
 Alfred John Vande Waa

MICHIGAN PROVISIONAL TEACHERS' CERTIFICATES

ELEMENTARY

Bennett, Mary Blair	Maassen, Gertrude Nelvina
Dame, Marian Louise	Meulendyke, Lois Katherine
Hains, Harriet Dean	Vander Jagt, Anne Mae
Harmeling, Evelyn Wezeman	Van Heest, Rhea Johanna
Hellenga, Bertha Elaine	Voss, Phyllis Joan
Herlein, Edith Marjorie	

SECONDARY

Anderson, Arthur Walter, Jr.	Meulendyke, Jean Mary
Boerman, Clarence J.	Pyle, Luella Verna
Bosland, Ellene Ann	Ritsema, Nellie Mae
Buursma, John Jr.	Schriemer, Donald James
Davidson, Charles William Jr.	Stegenga, Preston Jay
De Vette, Russell Bernard	Strabbing, Robert James
Dorsch, Dorothy Mills	Timmer, Arthur Richard
Dykema, Vivian Mae	Timmer, Betty
Fikse, Anna	Timmer, John
Fuller, Betty Jean	Van Dort, Paul
Gore, Glenna	Van Oeveren, John Franklin
Haskin, Phyllis Alene	Van Saun, Martha Rose
Huizenga, Raymond Jay	Van Tatenhove, Edna Mae
Lock, Kathryn Jane	Young, Mary Martha
Meeusen, Elaine Donna	

HONORS AND PRIZES

- FRESHMAN BIBLICAL PRIZE—Burrell Pennings, Charles Previte.
THE COOPERSVILLE MEN'S ADULT BIBLE CLASS PRIZE—Lois Huizenga, Harold Kammeraad
JUNIOR BIBLICAL PRIZE—Renze L. Hoeksema, Glenn Bruggers.
THE MRS. SAMUEL SLOAN PRIZE IN FOREIGN MISSIONS—Hazel Vander Woude.
THE GEORGE BIRKHOFF, JR., ENGLISH LITERATURE PRIZE—Bernard Rowan.
GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE—Elizabeth R. Christie, Phyllis E. Darrow.
THE ORGAN SCHOLARSHIP—Alma Vander Hill.
THE A. A. RAVEN PRIZE IN ORATORY—Vergil Dykstra, Robert Schuller.
THE ADELAIDE PRIZE IN ORATORY—Marian Alice Korteling.
THE J. ACKERMAN COLES DEBATING PRIZE—Jacquelyn Joanne Decker, Luella Verna Pyle.
REGENTS SCHOLARSHIP—Vivian Mae Dykema.
THE WOMEN'S ATHLETIC ASSOCIATION AWARD—Vivian Mae Dykema.
SENIOR BIBLE PRIZE—Marian L. Dame, Eugene Earl Van Tamelen.
THE DR. A. T. GODFREY PRIZE IN CHEMISTRY—Eugene Earl Van Tamelen.
BOARD OF EDUCATION PRIZE—Eugene Earl Van Tamelen.
MUSIC AWARD—Elizabeth Lorena Van Lente.
THE DR. OTTO VANDER VELDE ALL-CAMPUS AWARD—Russell Bernard De Vette, Robert Wayne Van Dis.
THE SOUTHLAND MEDAL—Marian Alice Korteling.

FACULTY HONORS

- | | |
|---------------------------|--------------------------|
| Dame, Marian Louise | Korteling, Marian Alice |
| Decker, Jacquelyn Joanne | Pyle, Luella Verna |
| De Vette, Russell Bernard | Rietberg, Roger Jay |
| Dykema, Vivian Mae | Stegenga, Preston Jay |
| Haak, William John | Van Tamelen, Eugene Earl |

SENIORS

Andre, Phyllis	Grandville, Michigan
Austin, Lois Seath	Newark, New Jersey
Bard, Elmer Herbert	Muskegon, Michigan
Barendse, Jack Vincent	Holland, Michigan
Bartholomew, Ruth Ann	Chicago, Illinois
Bobeldyk, Henry Lloyd	Corsica, South Dakota
Bocks, Donald A.	Holland, Michigan
Boersma, Wendell Claire	Holland, Michigan
Boot, Dorothy Elaine	Kalamazoo, Michigan
Brady, Luella Grace	Grand Rapids, Michigan
Brandt, Elmer Raymond	Holland, Michigan
Brewer, Gordon Monteith	Plainwell, Michigan
Brewer, Margery Jane	Plainwell, Michigan
Brinkman, Betty June	Holland, Michigan
Brown, Richard Park	Walden, New York
*Bruggers, Glenn	Coopersville, Michigan
Bult, Lorraine Virginia	Chicago, Illinois
Buter, Harvey James	Holland, Michigan
Buteyn, Donald Peter	Waupun, Wisconsin
Claver, Charles Witman	Grand Rapids, Michigan
Cloetingh, Russell Stewart	Muskegon Heights, Michigan
Cocker, Neil Waud	Huntington Woods, Michigan
Cook, James Ivan	Grand Rapids, Michigan
Curtis, Willard Henry	Ballston Spa, New York
Dalenberg, Ruth Jane	South Holland, Illinois
Darrow, Phyllis Elaine	Plainwell, Michigan
*De Bey, Margaret Cynthia	Holland, Michigan
De Master, Howard Lee	Cedar Grove, Wisconsin
Demian, Irene Esther	New Brunswick, New Jersey
Den Herder, Christian Jacob	Zeeland, Michigan
*De Young, Abraham Marvin	Holland, Michigan
De Young, Joan Agatha	Sparta, Michigan
De Young, Marcia Jean	Sparta, Michigan
Diehl, Gloria Annette	Chicago, Illinois
Dietrich, Phyllis Lou	Detroit, Michigan
Downs, Beverly Jeane Stout	Dallas, Texas
*Draper, William Holden	Holland, Michigan
Durkin, Thomas J.	Chicago, Illinois
Dykstra, Henry Allan	Chicago, Illinois
Eilander, Arlene Mae	Holland, Michigan
Elhart, Baxter Jay	Zeeland, Michigan
*Fylstra, Henry Donald	Little Falls, New Jersey

*Attended First Semester only.

†Attended Second Semester only.

Geiger, William Gustav	New York, New York
Grassa, Edmund Charles	Scottville, Michigan
Haberland, John Andrew	Holland, Michigan
Heasley, Roger Swift	Holland, Michigan
Heasty, Alfred Russell	Clairsville, Ohio
Heemstra, Raymond Jacob	Orange City, Iowa
Heemstra, Raymond Welling	Fenton, Michigan
Hemmes, Virginia Clarnel	Grand Rapids, Michigan
Hermance, Carol Jean	Hudson, New York
*Higgs, Richard C.	Grand Rapids, Michigan
Hoeksema, Renze L.	Grandville, Michigan
Hofmeyer, Benjamin	Holland, Michigan
Holkeboer, Earl Simon	Holland, Michigan
Hopkins, Clarence Raymond	Holland, Michigan
Hospers, Lois Yvonne	Ontario Center, New York
Janssen, Burton Virgil	Zeeland, Michigan
Jewett, Emma Belle	Mason, Michigan
Johnson, Laura Mae	Auburn, New York
Jonkman, Ann Loucille	Holland, Michigan
Kloosterman, Alida Jeannette	Kalamazoo, Michigan
Korver, Ronald George	Orange City, Iowa
Kraai, Vernon Theodore	Holland, Michigan
Labusohr, Marion Frances	Clifton, New Jersey
Ladewig, Donald Lawrence	Holland, Michigan
Lemmen, Gwendolyn Lenore	Holland, Michigan
Ligtvoet, John Willard	Holland, Michigan
Lucking, Marjorie Louise	Kalamazoo, Michigan
Macdonald, John Marshall IV	Holland, Michigan
*Maurer, Marion Eleanor	Rochester, New York
*Mellema, Martin	Holland, Michigan
Metten, Gertrude Marie	Ravenna, Michigan
*Miller, Raymond Le Fevre	New Paltz, New York
Morehouse, Harry Paul	Houghton, New York
Mulder, Donald Gerrit	Ann Arbor, Michigan
Otte, Matthew	Oostburg, Wisconsin
Overway, Marvin Jay	Holland, Michigan
Palmer, Joseph Jr.	Grand Haven, Michigan
Parsons, John Trowbridge	Norristown, Pennsylvania
Pennings, Alfred Gerrit	Orange City, Iowa
Pontier, John Dean	Hasbrouck Heights, New Jersey
Post, Ernest Harris Jr.	Holland, Michigan
Post, Eunice Marjorie	Harris, Iowa
Post, Mary Ellen Brower	Holland, Michigan
Quant, Ruth Joann	Rochester, New York

Reagan, Audrey Lorain	Holland, Michigan
Roberts, Edward John	Grand Haven, Michigan
*Rotman, Kenneth Dale	Holland, Michigan
Rove, Louise Claude	Milwaukee, Wisconsin
Rubingh, Elinor E.	Grand Rapids, Michigan
Ruys, Ruth Pearl	Muskegon, Michigan
Scheerens, Geraldine Hope	Rochester, New York
Scheerhorn, Robert Harris	Holland, Michigan
Sibley, Joyce	Jersey City, New Jersey
Sikkema, Lillian Ruth	Morrison, Illinois
Sparling, Leon Harry	Schuylerville, New York
Stegenga, Pauline Mildred	Holland, Michigan
Steketee, Katherine Jean	Holland, Michigan
Stelwagen, Henry Cornelius	Grandville, Michigan
Stillwell, Joanne Elizabeth	Grand Rapids, Michigan
Stoltz, Wilbur Harley	Holland, Michigan
Talman, Ruth Esther	Ontario Center, New York
Ter Borg, Marian Albertha	Muskegon, Michigan
Ter Keurst, James Arthur	Holland, Michigan
Ter Keurst, John Frederic	Holland, Michigan
Toren, George Anthony	Chicago, Illinois
Uppleger, Geraldine Helen	Birmingham, Michigan
Van Alst, Helen Cecilia	New Paltz, New York
*Van Dahm, Thomas Edward	Holland, Michigan
Vanden Berg, Merle	Holland, Michigan
Vander Hill, Alma Harriet	Holland, Michigan
Van Dyke, Helen Alicia	Holland, Michigan
Van Dyke, Albertus Raymond	Holland, Michigan
Van Dyke, Mary Alice	Holland, Michigan
Van Eck, Ann Jane	Rochester, New York
Van Eck, Arthur Orville	Grand Rapids, Michigan
Van Hartesveldt, Frederick Carroll	Grand Rapids, Michigan
Van Kempen, Alice Geraldine	Holland, Michigan
Van Leuwen, Thelma Geraldine	Selkirk, New York
Van Pernis, Elton Louis	Spring Lake, Michigan
Van Wyk, Lois Wilmina	Holland, Michigan
Van Zanten, Robert John	Waupun, Wisconsin
Van Zyl, Robert James	Holland, Michigan
Ver Berkmoes, Harold	Chicago, Illinois
Vermaire, Mildred Ann	Grand Haven, Michigan
Vis, Eugene Abraham	Grand Rapids, Michigan
Visscher, L'Bertha Buurma	Sheldon, Iowa
Visser, Shirley Anne	Holland, Michigan
Wagemaker, Grace Lenore	Holland, Michigan
	East Williamson, New York

Wagner, Helen Joan
 Watson, Lois Jean
 Weller, Kenneth Jay
 Westerman, Marcella Nell
 Wieghmink, Dale Wayne
 Wildman, Robert Bryant
 Workman, Clarice Hazel
 Wyngarden, Ann Marie
 Yeomans, Edward John Jr.
 Yuk, James Peter
 Zandbergen, Bonita Jane
 †Zickler, Ada

Feura Bush, New York
 Merrick, New York
 Holland, Michigan
 Muskegon, Michigan
 Holland, Michigan
 Traverse City, Michigan
 Muskegon, Michigan
 Chicago, Illinois
 Holland, Michigan
 Grand Haven, Michigan
 Grandville, Michigan
 Holland, Michigan

JUNIORS

Anderson, William George
 Appledorn, William Jr.
 Arnold, John James
 Barnum, Leon Harrington
 *Baron, Philip Henry
 †Bartels, Lester Elwin
 *Beach, Frank Chester
 Bergers, Dorothy Louise
 Bixby, Lew William
 Boelkins, Elizabeth Rica
 Boerman, Walter John
 Boeve, Ted Edgar
 Booi, Duane Gordon
 Botermans, Karel F.
 Breen, Peter James
 Brunstetter, Donald George
 Brunsting, Lucille Bernice
 Burgess, Warren Daniel
 Burton, Robert Dale
 Buter, Harold Jay
 Buttlar, Marie Elizabeth
 Buursma, George Henry
 Chappell, Tolan L.
 Coleman, Alwin Beverly
 Cook, Gerard Earl
 Cornell, Ralph Patak
 Davis, Dorothy Mable
 Deising, Rolland Ellis
 De Kleine, Lois Edna
 Den Herder, James McCormick

Hawthorne, New Jersey
 Holland, Michigan
 Paterson, New Jersey
 Mohawk, New York
 Zeeland, Michigan
 Muskegon Heights, Michigan
 Albany, New York
 Holly, Michigan
 Saginaw, Michigan
 Muskegon Heights, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Ashkum, Illinois
 Wassenaar, Netherlands
 Coopersville, Michigan
 Metuchen, New Jersey
 Hull, Iowa
 Byron Center, Michigan
 Holland, Michigan
 Holland, Michigan
 Warwick, New York
 Holland, Michigan
 Petersburg, Indiana
 Grand Rapids, Michigan
 Holland, Michigan
 Teaneck, New Jersey
 Cuddebackville, New York
 Holland, Michigan
 Jamestown, Michigan
 Holland, Michigan

De Ryke, Betty Joy	Kalamazoo, Michigan
De Vries, Abraham	Cicero, Illinois
De Vries, John Frederick	Sibley, Iowa
De Young, Maynard Thies	Sparta, Michigan
Dick, Leonard John	Holland, Michigan
Dixon, Marjorie Ethel	Clavernack, New York
Doorenbos, Leona Genevieve	Morrison, Illinois
Duiker, Vernon Eugene	Conrad, Montana
Duiser, Genevieve Pearl	Muskegon, Michigan
Dykstra, Emmanuel David	Orange City, Iowa
Dykstra, Harold Eugene	Grand Rapids, Michigan
Dykstra, Vergil Homer	Orange City, Iowa
Eickelberg, Warren Barbour	Douglaston, New York
Evers, Donald Raymond	Chicago, Illinois
Fiet, Richard J.	Muskegon, Michigan
Fisher, Harold Stuart	Grand Haven, Michigan
Flaherty, Ted Ernest	Dearborn, Michigan
Folkert, Robert Austin	Holland, Michigan
Fredericks, Helen Gene	Muskegon Heights, Michigan
Frey, Marilyn Louise	Grand Rapids, Michigan
Friedberg, Wallace	New York, New York
Froelich, Robert Charles	Cleveland, Ohio
Fuller, Richard Harlow	Syracuse, New York
*Girod, Maxine Caroline	Grand Rapids, Michigan
Glerum, Richard Z.	Rochester, New York
*Godburn, Thomas Raymond	Waterbury, Connecticut
Grissen, Harold	Holland, Michigan
Gross, Eunice Elsie	Brooklyn, New York
Groth, Harold Paul	Plymouth, Michigan
Hall, Robert Stuart	Holland, Michigan
Hanna, Marion Sickka Liisa	Jersey City, New Jersey
Harrison, Timothy Stone	Holland, Michigan
Heemstra, Irene Claire	Fenton, Michigan
Heemstra, Frank William	Orange City, Iowa
Heerspink, Harvey Robert	Holland, Michigan
Hellenga, Wayne Keith	Grand Haven, Michigan
Hibma, Alida	Orange City, Iowa
Hillegonds, William C.	Chicago, Illinois
Hinga, Constance Miriam	Holland, Michigan
Hinkamp, Paul Eugene II	Holland, Michigan
Hirschy, Geraldine May	Plainwell, Michigan
Hoebeke, Richard Lee	Grand Rapids, Michigan
Hoek, Donald	Jenison, Michigan
Hoftiezer, Henry Wilbert	Oostburg, Wisconsin

Holman, Marian Arlene	Flint, Michigan
Hoogerhyde, David M. Jr.	Grand Rapids, Michigan
Horne, Eugene Lee	Paterson, New Jersey
Horton, Russell Erastus	Paterson, New Jersey
*Houting, Vernon Wayne	Holland, Michigan
*Huizenga, Dorothy Minella	Cicero, Illinois
Ihrman, Donald LaVerne	Holland, Michigan
Ingham, Carolyn Jane	Ferndale, Michigan
Japinga, Robert M.	Holland, Michigan
Jesser, John Hedberg	Hudsonville, Michigan
Jillson, Lois Alleyne	Holland, Michigan
Johnson, Richard Calvin	Berwyn, Illinois
Joldersma, Janet Lois	West Sayville, New York
Kammeraad, Harold Leonard	Holland, Michigan
Kassig, Edward Jay	Woodside, L. I., New York
Kempers, Roger Dyke	Holland, Michigan
Kennedy, Walter Thomas	Hasbrouck Heights, New Jersey
Kilian, Olga Katherine	Holland, Michigan
Kinnison, Hugh Elwood	Cadillac, Michigan
Kling, Velma Ruth	Grand Rapids, Michigan
Klomprens, James Thomas	Holland, Michigan
Klomprens, Karl	Holland, Michigan
Knol, Shirley Jane	Wheaton, Illinois
Koepe, Owen John	Holland, Michigan
Koning, Amy Ruth	Holland, Michigan
Koning, Carl Herman	Holland, Michigan
Konoshima, Sumiye Elizabeth	Holland, Michigan
Koop, Howard Jay	Holland, Michigan
Koop, Ruth Joyce	Holland, Michigan
Kraay, Russell James	Danforth, Illinois
Kragt, Earl	Holland, Michigan
Kragt, Marvin Nelson	Holland, Michigan
Kromp, Michael	Grand Haven, Michigan
Lam, Donald Anno	Holland, Michigan
Laman, Robert Clarence	Oaklyn, New Jersey
Lamb, Phyllis Ruth	Holland, Michigan
Lampen, Cornelius Earl	Zeeland, Michigan
*Lavelly, Marjorie McIntosh	Highland Park, Michigan
Leffingwell, Claire Jean	Lakewood, New Jersey
Leslie, Shirley Margaret	Schenectady, New York
Macomber, Patricia Claire	Interlaken, New York
Major, Robert Lorraine	Kalamazoo, Michigan
*Matchinsky, Richard James	Holland, Michigan
McLean, Mary Kathleen	Holland, Michigan

Meengs, Philip George	Zeeland, Michigan
Meeuwssen, Ernest John	Holland, Michigan
Menchofer, Joseph David II	East Lansing, Michigan
Meulenbelt, Vernon	Holland, Michigan
Mihaly, Reginia Elizabeth	Raritan, New Jersey
Moessner, JoAnn Elizabeth	Muskegon, Michigan
Moolenaar, Alice Bernice	De Motte, Indiana
Moore, Jean Carol	Flushing, New York
Mulder, Judith Ellen	New York, New York
*Mulder, Phyllis Ruth	Holland, Michigan
Muyskens, Lois Marian	Orange City, Iowa
Myrehn, Paul Milton	Costa Mesa, California
Nichols, Bernice Henrietta	Fulton, New York
Nyboer, Robert Paul	Holland, Michigan
Oldenburg, Dorothy Margaret	Ovid, New York
Olive, Roger O.	Holland, Michigan
Oostendorp, William John	Holland, Michigan
Paine, Clifford Emmett Jr.	Fennville, Michigan
Pickens, Samuel Zwemer	Pelham, New York
Ponstein, Arthur Henry	Grand Haven, Michigan
Ponstein, Lambert John	Grand Haven, Michigan
Ponstine, Katherine	Marion, Michigan
Poppema, Donald Randall	Holland, Michigan
Posthuma, Sam George	Friesland, Wisconsin
Prigge, Karyl Jean	Holland, Michigan
Prins, Marguerite Jean	Holland, Michigan
Reck, Norwood Kenneth	Union City, New Jersey
Reed, Wayne Leonard	Holland, Michigan
Rinkes, Don E.	Holland, Michigan
Robins, John Calvin Jr.	Detroit, Michigan
Rowan, Bernard John	Holland, Michigan
Rutgers, Jay G.	Holland, Michigan
Schaible, Harold Elmer	Altamont, New York
Schemper, Chester Marciel	Holland, Michigan
Schmalzriedt, Herbert Charles Jr.	Port Jervis, New York
Schregardus, Leonard Nicholas	Holland, Michigan
Schroeder, Marian Mae	Paterson, New Jersey
Scobie, David Elder	West New York, New Jersey
Secord, Jeanne Margaret Duncan	Ganges, Michigan
Shaw, Henry Ivar Jr.	Smithtown Branch L. I., New York
Sheel, Joan Allene	Hospers, Iowa
Shewan, William Phillip Forbes	Mt. Vernon, New York
Shoemaker, Dennis Earl	Hudsonville, Michigan
Sibley, Jean	Jersey City, New Jersey

Simmelink, Roland Junior	Oostburg, Wisconsin
Skaalen, Morris Arnold	Holland, Michigan
Smith, John Marvin	Grand Rapids, Michigan
Sneden, Lee Herbert	Byron Center, Michigan
Snow, Marian Jean	Holland, Michigan
Snow, Robert Warren	Holland, Michigan
Staal, Theresa Cornelia	Grand Rapids, Michigan
Stafford, John Frank	Detroit, Michigan
Stegeman, James Henry	Muskegon Heights, Michigan
Tangenberg, Edward James	Grand Rapids, Michigan
Te Ronde, Minnie Henrietta	Grand Rapids, Michigan
Thaden, Robert Lawrence	Byrant, South Dakota
†Tinholt, Anton Theodore	Holland, Michigan
Tirrell, John Edward	Holland, Michigan
†Tjepkema, Andrew Junior	Zeeland, Michigan
Toma, Fuad Farid	Amara, Iraq
Toonder, Thomas David	Detroit, Michigan
*Valleau, Russell Allen	East Saugatuck, Michigan
Vandenberg, Donald Albert	Morrison, Illinois
Vanden Brink, Dale Warren	Holland, Michigan
Vander Kolk, Anno Melvin	Zeeland, Michigan
Vander Laan, Robert Helman	Muskegon, Michigan
Vander Woude, Cornelius Anthony	Oak Harbor, Washington
Vander Woude, Hazel Margaret	McBain, Michigan
Van De Wege, Betty Irene	Holland, Michigan
Vande Wege, Mary Juliann	Holland, Michigan
Van Dyke, Barbara Jean	Zeeland, Michigan
Van Dyke, P. James	Denver, Colorado
Van Haitsma, Glenn Allyn	Zeeland, Michigan
Van Hall, Clayton Edward	Grand Haven, Michigan
Van Heest, Gerard John	Catskill, New York
Van Ingen, Lois Jean	Holland, Michigan
Van Loo, Mary Esther	Columbus, Ohio
*Van Raalte, Lloyd Hopkins	Holland, Michigan
Van Reenen, Jack Philip	Ionia, Michigan
Van Singel, Gerard Peter	Grandville, Michigan
Van't Slot, Andrew	Holland, Michigan
Van Wieren, Harold	Holland, Michigan
Veldhuis, Jerome Alfred	Zeeland, Michigan
Veltman, Fred John	Holland, Michigan
Viening, Gerald	Holland, Michigan
Vollink, Willard Leslie	Hudsonville, Michigan
†Vredeveld, Theodore J.	Zeeland, Michigan
Walchenbach, Donald Edward	Hawthorne, New Jersey

Weaver, Elizabeth Marie	Williston Park, New York
Weber, Lawrence Randolph	West New York, New Jersey
Weener, Earl	Holland, Michigan
Weener, Jay Rolland	Holland, Michigan
Wierenga, Claire Elizabeth	Grand Haven, Michigan
Wiersma, Jean Marie	Holland, Michigan
Wiersum, Jeffery	Holland, Michigan
Wieten, Arlene Ruth	Holland, Michigan
Wight, Fred Ernest	Hawthorne, New Jersey
Willbrandt, Shirley Anne	Muskegon, Michigan
Wise, Stephen Paul	Whitehall, Michigan
Workman, Anna Ruth	Central Lake, Michigan
Zeito, George Andrews	Basrah, Iraq
Zoet, Charles Jay	Zeeland, Michigan
Zuidema, George Dale	Holland, Michigan

SOPHOMORES

Aardema, Marguerite Joan	Central Lake, Michigan
Akridge, Dale Orin	Norwood, Ohio
Amso, Khalid Iskander	Basrah, Iraq
Anders, Howard Davenport	Oak Park, Illinois
Angus, Margery Anne	Grandville, Michigan
Arwe, Alfred Homer	Boonton, New Jersey
Avakian, Gladys	New York, New York
Backer, Mia	Voorburg, Netherlands
*Bade, Nelis R.	Holland, Michigan
Baker, Avery Dean	Flat Rock, Illinois
Baker, Helen Priscilla	Jersey City, New Jersey
Baker, Hilda Lillian	Union City, New Jersey
Baker, Jayne Ellen	Holland, Michigan
Baker, Joyce Elane	Holland, Michigan
Bame, Beverly Ann	East Greenbush, New York
†Banna, Faried Aboody	Basrah, Iraq
Barendse, Eugene Edward	Holland, Michigan
Barense, William D.	Holland, Michigan
Barnett, Arthur Milton	Grand Haven, Michigan
*Barry, Robert Ver Lee	Holland, Michigan
Baskett, Miles Hamlin Jr.	Holland, Michigan
†Baskin, Charles Loy, Jr.	Muskegon Heights, Michigan
Becksfort, Robert Henry	Holland, Michigan
Beereboom, John Joseph	Holland, Michigan
Bennett, Dolores Joan	Milwaukee, Wisconsin

Bennett, James Gordon	Ridgewood, New Jersey
Bennett, William Charles	Bloomfield, New Jersey
*Bettison William Leslie Jr.	East Grand Rapids, Michigan
Bhe, Robert Delmont	Schenectady, New York
Biel, Mabel Alvina	Chicago, Illinois
Birce, Robert Francis	Lakewood, Ohio
Blaauw, John	Rockford, Michigan
Boerman, Gerald Henry	Pekin, Illinois
Bond, Wilbur Church	Grosse Pointe Woods, Michigan
Boon, Hugo	Voorburg, Netherlands
Borr, James Jr.	Holland, Michigan
Bos, Harold Gibson	River Forest, Illinois
Boss, Donald	Charlevoix, Michigan
Bottema, Gerald L.	Spring Lake, Michigan
Bouman, Harlen Cornelius	Holland, Michigan
Bouwens, Glenn Junior	Zeeland, Michigan
Boven, Ronald Jay	Holland, Michigan
Brandt, Carol Elizabeth	Delmar, New York
Breid, Mary Louise	Walden, New York
Brieve, Fred Jay	Holland, Michigan
Brillhart, Constance H.	Albany, New York
Brink, Suzan Henrietta	Sheldon, Iowa
Brinkerhoff, John Soley	Hasbrouck Heights, New Jersey
Brondyke, Edward Earl	Holland, Michigan
Bronkhorst, Henry David	Chicago, Illinois
Brower, Helen Elizabeth	Holland, Michigan
Brown, William Jay	Riverdale, New Jersey
Bruggers, Howard	St. Anne, Illinois
Bruins, Elton John	Fairwater, Wisconsin
Bulthuis, Donald Robert	Holland, Michigan
Busman, Jacob Junior	Coopersville, Michigan
Butterfield, Helen Priscilla	Harrington Park New Jersey
Cameron, William Douglas	Lansing, Michigan
*Campbell, Hugh McMaster	Kalamazoo, Michigan
*Caudle, Horace John	Grand Rapids, Michigan
Clark, Jack Forrest	Rockford, Michigan
Coleman, David Alan	Pittsfield, Massachusetts
Collins, Robert William Jr.	Grand Rapids, Michigan
Contant, Dorothy May	Hasbrouck Heights, New Jersey
Cook, Paul LaVerne	Holland, Michigan
Copier, Edward Guy	Jenison, Michigan
Cousins, Annette Beryl	Detroit, Michigan
Cox, John MacDougall	Patersonville, New York
Crawford, Donald Ennis	Schenectady, New York

*Curtiss, George Melvin	Muskegon Heights, Michigan
Daane, Robert Isaac	Grand Haven, Michigan
Dalman, Joseph Irwin	Hudsonville, Michigan
Dalman, Rodger Harley	Holland, Michigan
*Danhof, Joseph Jr.	Muskegon, Michigan
De Boer, Shirley Ann	Detroit, Michigan
De Boom, Edward Warren	Owosso, Michigan
Decker, Kenneth Booi	Danforth, Illinois
Decker, Rodger Wayne	Slingerlands, New York
De Graaf, Ruth Charlotte	Holland, Michigan
†De Groot, Earl	St. Anne, Illinois
De Haan, John Jr.	Holland, Michigan
De Jong, Conrad Keith	Holland, Michigan
De Loof, Gerard Jr.	Richland, Michigan
Demarest, Theodore Henry	Williston Park, New York
De Meester, William Alexander	Paterson, New Jersey
De Mull, Clair Francis	Grand Rapids, Michigan
Den Herder, Marcia Ann	Zeeland, Michigan
Denton, Gloria Betsy	Cedar Springs, Michigan
De Pree, Willard	Zeeland, Michigan
Des Autels, Frederick Lawrence	Detroit, Michigan
De Voogd, Lawrence Robert	Comstock Park, Michigan
De Vries, Margaret Elinor	Conrad, Montana
De Vries, Norma J.	Holland, Michigan
De Weerd, Lowell	Holland, Michigan
De Wilde, Fred	Holland, Michigan
De Witt, Charles	Spring Lake, Michigan
De Witt, Donald Everett	Chicago, Illinois
De Witt, Donald George	Holland, Michigan
De Witt, Warren Duane	Grand Rapids, Michigan
De Wolfe, Norman S.	Schenectady, New York
De Young, Jacob, Jr.	Grand Rapids, Michigan
De Young, Robert Allen	Holland, Michigan
Dinger, John Phillip	New York, New York
Dirkse, Lamont Dale	Hingham, Wisconsin
*Douglas, James Cromwell	Hudsonville, Michigan
Downs, Richard Charles	Redwood City, California
Drake, Lorraine Marie	Rochester, New York
Draper, Robert James	Holland, Michigan
Dunning, Edward Baker	Jackson Heights, L. I., New York
Dykema, Nelson	Holland, Michigan
Dykstra, Harold John	Danforth, Illinois
Dykstra, Leon	Grand Rapids, Michigan
Dykstra, William Dwight	Grand Rapids, Michigan

- Ebneth, Alex
Eckerson, Earl Raymond
Eilander, Barbara Jean
Elston, Carole Joyce
*Emery, Robert David
Ennenga, Robert Gerald
*Everett, Ransom Willis Jr.
Failing, John Fletcher Jr.
Failor, Harlan John
Fairchild, Richard Worthington
*Fieldhouse, James Sam
Fikse, Cynthia
Flaherty, Richard William
Folkert, Beatrice Mae
Formsma, Gerald
Forsten, John Henry
Frego, Max Vernon
Froelich, Ellen Ann Beuker
*Fryling, Gordon F.
Funckes, Arnold Jay
Ganote, Rovilla Frances
Geary, Daniel Courtlant
Gerritsen, George Contant
Gess, Shirely Jean
Giles, William Brewster
Gillette, Paul Verdine
Glupker, Jack William
Gnade, Gerald Rudolph Jr.
Gorman, Gene R.
Goshorn, William Paul
Goulooze, Floyd William
Gunn, Roger Dale
*Haan, Orville Charles
Hakken, Bernard Daniel Jr.
Harling, Donald Page
Harris, Betty Jean
Hartman, Constance Yvonne
Haskin, Prudence L. D.
Haycock, Clifford Peer
*Heasty, Audrey Christy
Heckeler, Carolyn Ruth
Hendricks, Roger Paul
Hendrickson, Paul Gordon
Heneveld, Winston Harold
Catskill, New York
Schenectady, New York
Holland, Michigan
Holland, Michigan
Roseville, Michigan
Grand Haven, Michigan
Holland, Michigan
Grand Rapids, Michigan
Oostburg, Wisconsin
Schenectady, New York
De Motte, Indiana
Hudsonville, Michigan
Dearborn, Michigan
Holland, Michigan
Grand Rapids, Michigan
Zeeland, Michigan
Holland, Michigan
Marshall, Michigan
Grand Rapids, Michigan
Holland, Michigan
Glendale, Missouri
Clifton, New Jersey
Ho-Ho-Kus, New Jersey
Buchanan, Michigan
Manhasset, New York
Holland, Michigan
Holland, Michigan
New York, New York
Zeeland, Michigan
Douglas, Michigan
Holland, Michigan
Holland, Michigan
Grand Rapids, Michigan
Bahrein, Arabia
Holland, Michigan
Holland, Michigan
Grand Rapids, Michigan
Holland, Michigan
Riverdale, New Jersey
St. Clairsville, Ohio
Ballston Spa, New York
Grand Rapids, Michigan
Grand Rapids, Michigan
Muskegon, Michigan

Hepp, Mary Louise	Brooklyn, New York
Hermance, Myron Erastus	Hudson, New York
Heyting, Constance	Amsterdam, Netherlands
*Hieftje, Fred Jay	Zeeland, Michigan
Hietbrink, Alfred Louis	Holland, Michigan
High, Lillian Kathleen	Emmetts, Michigan
Hill, Robert	Brooklyn, New York
Hill, Shirley Ann	Grand Rapids, Michigan
Hill, Thomas Robert	Oak Park, Illinois
Hitke, Robert Kurt	Chicago, Illinois
†Hoekenga, Willard Peter	Muskegon, Michigan
Hoekstra, John Howard	Kalamazoo, Michigan
Hoffman, James E. Jr.	Hasbrouck Heights, New Jersey
Hogan, Robert William	Newburgh, New York
Holwerda, William	Grand Rapids, Michigan
Hospers, Gerrit Henry	Ontario Center, New York
Houtman, Robert Wayne	Holland, Michigan
Hrbek, Felicia May	North Bergen, New Jersey
Hungerink, Norma Mae	Vriesland, Michigan
Huyser, Warren Lloyd	Holland, Michigan
Jacobs, Marcia Jean	Sheldon, Iowa
Jannenga, Evelyn Mae	Chicago, Illinois
Jansen, Henry John	Chicago, Illinois
Jasperse, Richard Paul	Grand Rapids, Michigan
Jekel, Earl Howard	Holland, Michigan
Jellema, William Wayne	Chicago, Illinois
Johnson, Kenneth Fraser	Chicago, Illinois
Johnson, Roger Leon	Grand Rapids, Michigan
Joseph, Thomas	Flint, Michigan
Kerr, Roderick MacKenzie	Schenectady, New York
Ketchum, Jack H.	Holland, Michigan
Keyser, Patricia Ann	Kalamazoo, Michigan
Kieft, Donn A.	Grand Haven, Michigan
Kieft, Henry Robert	Cicero, Illinois
Kieft, Wilford F. Jr.	Grand Haven, Michigan
*Kielich, Wolfgang	Haarlem, Netherlands
Kinney, Patricia Anne	Clifton, New Jersey
Klaasen, Lester John Jr.	Holland, Michigan
Klaassen, Johannes Petrus	Leiden, Netherlands
*Kleinheksel, Nelson Jay	Holland, Michigan
Kleis, Kenneth James	Holland, Michigan
Kleis, Paul Maynard	Holland, Michigan
Kline, Walter John	Muskegon, Michigan
Klomprens, Dale	Holland, Michigan
Klomprens, Paul Vernon	Holland, Michigan

Kloosterman, Gertrude Nela	Kalamazoo, Michigan
Klouw, Floyd John	Spring Lake, Michigan
Klynstra, Harvey Lewis	Hudsonville, Michigan
Koch, Elizabeth Ann	Somerville, New Jersey
Koop, Dell William	Holland, Michigan
Koop, Robert	Holland, Michigan
*Koop, Walter Henry	Ackley, Iowa
Kooyers, Mary Louise	Holland, Michigan
Koskamp, Doris Barbara	Sheboygan, Wisconsin
Kraak, Peter J.	Decatur, Michigan
Kraay, Louis Paul	Danforth, Illinois
Kranendonk, Barbara Anne	New York, New York
Kranendonk, Dorothy	Oostburg, Wisconsin
Kranendonk, Paul William	Oostburg, Wisconsin
Kranendonk, Robert Lee	New York, New York
Krans, Robert	Hudsonville, Michigan
Kroes, Harris Grant	Muskegon, Michigan
Kruithof, John Donald	Grand Rapids, Michigan
Kuenzie, Mary	Muskegon Heights, Michigan
Kuiper, Robert James	Holland, Michigan
Lam, Gow Thue	New York, New York
Laman, Harvey Milton	Holland, Michigan
Lamb, James Oliver	Holland, Michigan
Lambers, Marlin	Holland, Michigan
Lanning, Earl Marvin	Zeeland, Michigan
Larson, Charles John	Manistique, Michigan
Lee, Donald Edwin	Flushing, New York
Leestma, Kenneth Norman	Grand Rapids, Michigan
Lenters, Harold Junior	Hudsonville, Michigan
Leonard, Richard William	Harrington Park, New Jersey
Leonhardt, Margaret Helen	Fonda, New York
Letz, Patricia Ellen	Hackensack, New Jersey
Lewis, Harry Edward	Chicago, Illinois
Liebetreu, George Frederick Jr.	Ludington, Michigan
Lindeman, Donn Edward	Holland, Michigan
Link, Charles William	Catskill, New York
Linnemeier, Wayne Charles	Fort Wayne, Indiana
Linton, John Cox	Detroit, Michigan
*Locker, Theodore Arthur	Churubusco, Indiana
†Lokers, Vernon Dale	Zeeland, Michigan
Londo, Leonard Marvin	Morrison, Illinois
Maassen, Pierce Emmett	Friesland, Wisconsin
Maatman, Herbert Junior	Holland, Michigan
MacKay, William Learmonth	Holland, Michigan

- MacLachlan, Ralph Waldo Jr.
 *MacLeod, Carol Evelyn
 MacMillan, Alice Irene
 Macqueen, John Arendsen
 Makowsky, Vassel William
 Marcus, Eugene Stanley
 Marema, Jack Gordon
 Marshall, Richard Carleton
 Martin, Raymond Henry
 *Mason, Verna Adelaide
 Masse, Lawrence Raymond
 Mastenbrook, Clifford Robert
 McCallum, John
 McCrum, Joseph
 McFall, Ted William
 McGee, Teddy Manford
 McRae, Mary Louise
 Melpolder, Wayne Gerald
 Meltvedt, Henry Gudmund
 Menasian, Andrew Paul
 Mepyans, Martin John
 Mepyans, Marvin George
 Meyer, Cornelis
 *Millard, Howard Jay
 Miller, Doris Mildred
 *Miller, Evalyn Taylor
 Mills, Geoffrey Arthur
 Milne, Dorothy Marie
 Modders, Barbara Ann
 Moerdyke, Margaret Jean
 Moerland, Abraham
 Moes, Harvey Willard
 Molter, Ivan John
 Moore, Gordon Wells
 Moore, Wade Hampton Jr.
 Mulder, Charles Henry
 Mulder, Paul Melvin
 Mull, Gerard Edward
 Naber, Gerald Junior
 *Nelson, Dolores Jane
 *Nelson, Edwin Lewis
 Nelson, Thomas McNeill
 Newnham, Dawn Marie
 Newton, Charles Edgar
 Fonda, New York
 Detroit, Michigan
 Brockport, New York
 Holland, Michigan
 Argo, Illinois
 Holland, Michigan
 Grand Rapids, Michigan
 Ridgefield, New Jersey
 New York, New York
 Conewango Valley, New York
 Holland, Michigan
 Grand Haven, Michigan
 Chicago, Illinois
 Brooklyn, New York
 Holland, Michigan
 Mt. Clemens, Michigan
 Mount Vernon, New York
 Grand Rapids, Michigan
 Roseville, Michigan
 West New York, New Jersey
 Plymouth, Michigan
 Plymouth, Michigan
 Ryswyk, Netherlands
 Zeeland, Michigan
 Detroit, Michigan
 Albany, New York
 Holland, Michigan
 Pittsfield, Massachusetts
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Hudsonville, Michigan
 Cedar Grove, Wisconsin
 Roosevelt, New York
 Cleveland, Ohio
 Grand Haven, Michigan
 Holland, Michigan
 Catskill, New York
 Holland, Michigan
 Riverside, Illinois
 New Brunswick, New Jersey
 Oak Park, Illinois
 Red Hook, New York
 Traverse City, Michigan

- *Nienhuis, Vernon Dale Holland, Michigan
- Nixon, Edward Richard Spring Lake, Michigan
- Noordhoff, Merrill Samuel Orange City, Iowa
- Norden, Russell Lee Grand Rapids, Michigan
- *Norlin, William Frederick Jr. Holland, Michigan
- Nust, Albert Leiden, Netherlands
- Oosta, Richard J. Grand Rapids, Michigan
- Oosterbaan, Norman Holland, Michigan
- *Opendyk, Raymond Edward Grand Rapids, Michigan
- *Palmer, Harry Laurence Shelby, Michigan
- Parker, Lorelei Patricia Grand Rapids, Michigan
- Patterson, James Robert Detroit, Michigan
- Paul, Daniel Lewis Brooklyn, New York
- Paul, Robert Quinn Chicago, Illinois
- Peirce, Howard Marshall Holland, Michigan
- Pennings, Adrian Burrell Rotterdam Jct., New York
- Perry, Jeanne Marie Detroit, Michigan
- Peterson, Donald Keith De Motte, Indiana
- Pfeifer, Janet Ruth Perth Amboy, New York
- Pfingstel, James John Haskell, New Jersey
- Piersma, Norman Richard Holland, Michigan
- Pindar, Christine Dow Middleburgh, New York
- Ples, Barteld Jurjen The Hague, Netherlands
- *Ploegsma, Charles LaVern Holland, Michigan
- Pomp, Jerold Holland, Michigan
- Pontier, Robert List Hasbrouck Heights, New Jersey
- Previte, Charles Richard Highland Park, New Jersey
- Pyle, Wendell Glenn Holland, Michigan
- Rabbe, Raymond Leed Cincinnati, Ohio
- Rameau, Lois Agnes Kalamazoo, Michigan
- Reay, William Frank Clifton, New Jersey
- *Redeker, Eileen Wilma Waupun, Wisconsin
- Reichert, Marian Louise Riverdale, New Jersey
- *Reyst, Beatrice Eileen Grosse Pointe, Michigan
- Richardson, Jack Allan Rockford, Michigan
- Ridder, Herman Junior Chicago Heights, Illinois
- Riekse, Lucille Julia Grand Rapids, Michigan
- Ritsema, Herbert Momence, Illinois
- Rivenburgh, Jean Chatham, New York
- Rook, Nancy Louise Detroit, Michigan
- Rose, Frances Elaine Grand Rapids, Michigan
- Rosenberg, Ronald John Byron, Illinois
- Ross, Ernest Jr. Sparkill, New York
- *Rove, Louis Claude Milwaukee, Wisconsin

Ruys, Kenneth	Holland, Michigan
Ryskamp, John Howard	Lakewood, Ohio
Sanford, Ralph Elmer	Shelby, Michigan
*Scamehorn, Iris Mary	Taylorville, Illinois
Scarlett, Barbara Jane	Fennville, Michigan
Scheerens, Daniel George	Rochester, New York
*Schipper, Donald LeRoy	Holland, Michigan
Schippers, George Junior	Holland, Michigan
Schmidt, Esther Emmy	Ridgewood, New Jersey
Schneider, George Henry Jr.	Flushing, New York
Scholten, Eugene Alvin	Holland, Michigan
Scholten, Walter Augustus Jr.	Poughkeepsie, New York
Schroeder, Marion Francis	Danforth, Illinois
Schuitema, Robert Alan	Muskegon, Michigan
Scott, Bernard William	Peoria, Illinois
Sector, James Kirkwood	Albany, New York
Selover, Carl Lloyd	New Brunswick, New Jersey
†Sharpe, John Harry	North Tarrytown, New York
Sherman, Phyllis Jeanne	Brooklyn, New York
Shramek, James Frank Jr.	Holland, Michigan
Siderius, Norman John	Lansing, Illinois
Simon, Manuel Thomas	Basrah, Iraq
Sivyer, William Merton Jr.	Backwood, Michigan
Slikkers, George Jr.	Holland, Michigan
Slooten, Hans S. G.	Rotterdam, Netherlands
*Slotman, Paul Leon	Holland, Michigan
Sluyter, Dona Belle	Holland, Michigan
Smink, Bernard Jr.	Detroit, Michigan
Smith, Julia Etta	Holland, Michigan
Smith, Walter Wesley	St. Albans, New York
Smith, William Charles	Chicago, Illinois
*Snow, Marjorie Janet	Holland, Michigan
Spencer, Floyd Albert	Rochester, New York
Spier, Robert Eldredge	Mt. Clemens, Michigan
Stahl, Dorothy Marie	Clifton, New Jersey
Stanton, Lois Irene	Detroit, Michigan
Stegeman, Nelson Willard	Hudsonville, Michigan
Stephens, John R.	Galesburg, Illinois
Sterk, Frank	Cambria, Wisconsin
Stetson, Edward Leven	Bristol, Pennsylvania
Stillman, Allyn Neil	Brooklyn, New York
Stoner, Alden James	Holland, Michigan
Streeter, Harold Edward	Sparta, Michigan
Streur, Isla Ruth	Holland, Michigan
Studdiford, Walter Beekman	Somerville, New Jersey

Sutfin, Duane Clark	Chicago, Illinois
Swander, Roberta Jane	Detroit, Michigan
Swart, Calvin William	De Motte, Indiana
Sweet, Alan James	Rochester, New York
Taylor, Jack Loyd	Zeeland, Michigan
†Ten Brink, Willard Don	Hudsonville, Michigan
Ten Have, Milton James	East Saugatuck, Michigan
Ten Hoeve, Joan Kay	Brooklyn, New York
Ter Beest, David Clarence	Brandon, Wisconsin
Thomas, Aleta Dolores	Saugatuck, Michigan
Thompson, Paul Madery	Three Rivers, Michigan
Thomson, Nan Bruce	Detroit, Michigan
*Tiemersma, Joan Audrey	Chicago, Illinois
Timmer, Harris B.	Grand Rapids, Michigan
Timmer, Lois Marjorie	Holland, Michigan
Timmerman, Gordon Jay	Grand Rapids, Michigan
Toussaint, Jeanne Claire	Wauwatosa, Wisconsin
Tsai, Nai Hsin	Shanghai, China
Tuls, Arthur William	Holland, Michigan
Tuurling, Henry Frederick Jr.	Holland, Michigan
Uhl, Johan Hendrik	The Hague, Netherlands
Ulfers, Els	Arnhem, Netherlands
Ultee, Casper Jan	Hillegom, Netherlands
Van Dahm, Eleanor May	Holland, Michigan
Van Dam, Evelyn June	Hudsonville, Michigan
Vanden Bosch, Frederick	Zeeland, Michigan
Vander Borgh, Janice	Holland, Michigan
Vander Broek, Kenneth	Grand Rapids, Michigan
Vander Hoven, John William	North Haledon, New Jersey
Vander Meer, Canute	Battle Creek, Michigan
Vander Ploeg, Ruth Elaine	Holland, Michigan
Vander Sluis, Adrian Clarence	Holland, Michigan
*Vander Yacht, Duane A.	Holland, Michigan
Vande Zande, Lyle Morris	Brandon, Wisconsin
Van Drunen, Leona	South Holland, Illinois
Van Eenenaam, Robert Dale	Holland, Michigan
Van Egmond, Hermina	Monarch, Alberta, Canada
Van Farowe, Lorraine Joyce	Zeeland, Michigan
Van Harn, Edwin J.	Holland, Michigan
*Van Hekken, Eleanor Frances	Keyton, Holland, Michigan
Van Hoeven, Gordon Russell	Grand Rapids, Michigan
*Van Kampen, Russell	Muskegon Heights, Michigan
Van Leeuwen, Gerda	Overveen, Netherlands
Van Oeveren, Cornelis M. S. A.	Rijswijk, Netherlands

Van Raalte, Carl Christian	Holland, Michigan
*Van Voorst, Dorothy Jean	Zeeland, Michigan
*Van Voorst, Fred Junior	Holland, Michigan
Van Wieren, Harvey Dale	Holland, Michigan
Van Zanten, Smith Craig	Grand Haven, Michigan
Van Zyl, Allison Lynn	Holland, Michigan
Veltman, Dean K.	Jefferson, Iowa
Venhuizen, Betty Jean	Holland, Michigan
Vergeer, John Teunis	Holland, Michigan
Ver Helst, Maurice	Grand Haven, Michigan
Ver Hey, William J.	Holland, Michigan
Vinkemulder, Joyce Laverne	Grand Rapids, Michigan
Visser, Henry Junior	Holland, Michigan
Voogd, Cornelia J.	Muskegon, Michigan
Voskuil, Mary Elizabeth	New Brunswick, New Jersey
Wagner, Antoinette Carolyn Sikkell	Holland, Michigan
Wagner, Leonard Arthur	Fremont, Michigan
Walchenbach, Roy Paul	Hawthorne, New Jersey
Walters, Chester Paul	Grand Rapids, Michigan
Walters, Sherwin Arthur	Zeeland, Michigan
Warnshuis, Paul Roger	Ionia, Michigan
Weener, Henrietta Grace	Kalamazoo, Michigan
*Welch, Richard Floyd	Bridgman, Michigan
Weller, Henry A.	Holland, Michigan
Wells, Anita Irene	Pompton Lakes, New Jersey
Westerhoff, Peter Detilius Jr.	Midland Park, New Jersey
†White, Edward Allen	Muskegon, Michigan
White, Willis B. Jr.	East Schodack, New York
Wickers, Jack John	Milwaukee, Wisconsin
Wieghmink, Lloyd Gordon	Holland, Michigan
Wierda, Morris Jay	Holland, Michigan
Wildman, Richard Gordon	Traverse City, Michigan
Williamson, Gerald Irvin	Austin, Texas
Willits, John Cozier	Grand Rapids, Michigan
Wilson, Joan	East Chatham, New York
*Wilson, William Richard Jr.	Detroit, Michigan
Wolbert, Harris J.	Holland, Michigan
Wolffensperger, Margaretha	Zwolle, Netherlands
Wolterbeek, Jacob Cornelis	The Hague, Netherlands
Wolters, Ann Elaine	Holland, Michigan
Yonker, Nicholas Jr.	Muskegon, Michigan
Yuk, Carl Thomas	Grand Haven, Michigan
†Zelouf, Victor S.	Basrah, Iraq
Zerrip, Charles Ellsworth Jr.	Zeeland, Michigan
*Zwemer, Roy Donald	Holland, Michigan

FRESHMEN

Adams, Jean Barbara	Elmhurst, New York
*Adema, Bartell	New Era, Michigan
Agin, Joan Elizabeth	New York, New York
Akker, Levi Willis	Fulton, Illinois
Alkema, Henry James	Muskegon, Michigan
Allara, Emanuel Michael	Hamden, Connecticut
Allen, Jeanne	Tannersville, New York
Baldus, Betty Jean	Holland, Michigan
Ball, Howard Lee	Pompton Lakes, New Jersey
Bank, Robert	Thornwood, New York
Bareman, Eleanor Mae	Holland, Michigan
Barendse, Gordon Jay	Holland, Michigan
Barrett, Theodore Russell	Muskegon, Michigan
*Bearss, Leo Willard	Holland, Michigan
Beld, Gordon George	Grand Rapids, Michigan
Bell, Isabel Robertson	Yonkers, New York
Beukema, Cornelius	Zeeland, Michigan
*Biller, Raymond John	Saugatuck, Michigan
Blakeslee, Wayne Paul	Rockford, Michigan
Blane, James Jr.	Bergenfield, New Jersey
Blankestyn, Percy Richard	Momence, Illinois
Bleich, Delores Dean	Muskegon Heights, Michigan
Blocker, Glenn Allen	Auburn, New York
Blouin, Richard Earl	Poughkeepsie, New York
Bobb, Clarence Edward	Genesee, Michigan
Boerigter, Paul Everett	Holland, Michigan
Boes, Merle Jay	Holland, Michigan
Boeskool, Donald Berton	Grand Rapids, Michigan
Boeskool, Jack Gerald	Grand Rapids, Michigan
Boeve, Clarence William	Holland, Michigan
Boon, Maurice Eugene	Grand Haven, Michigan
*Boonstra, William Dean	Zeeland, Michigan
†Borchers, Bernard F.	Peoria, Illinois
Borgman, Robert Henry	Chicago, Illinois
Borr, Marijane	Holland, Michigan
Boss, Laverne Henry	Zeeland, Michigan
Bostwick, Richard Kent	St. Albans, New York
†Bredeweg, Norman James	Holland, Michigan
Breen, Melvin Peter	Coopersville, Michigan
†Bremer, John Jr.	Holland, Michigan
Brindle, Brian Thomas	Milltown, New Jersey
Brink, Donald Robert	Holland, Michigan

*Brinks, William John	Jenison, Michigan
Brouwer, Ruth Nelva	Hudsonville, Michigan
Brower, Elaine Joan	Holland, Michigan
Brower, Robert Lee	Zeeland, Michigan
*Brown, Barbara May	New Paltz, New York
Brunsell, Joyce Lorene	Holland, Michigan
Buchtrup, Charles Stuart	Chicago, Illinois
Buis, Dolores June	Chicago, Illinois
†Bulson, Thomas Joseph	Holland, Michigan
Butler, Frank Eugene	Auburn, New York
†Butler, Leon Thomas	Holland, Michigan
Bylsma, Harold Roger	Grand Rapids, Michigan
†Cajina A., Jose	Minagua, Nicaragua
Campbell, Eugene Colin	Muskegon, Michigan
Chapman, Marcia Jane	Holland, Michigan
Claus, Howard Shelby	Peoria, Illinois
Cleason, Donald J.	Palmyra, New York
Cloetingh, Arthur Keppel	State College, Pennsylvania
Coffey, Mary Frances	Columbus, Ohio
*Coleman, Bette Jean	Chicago, Illinois
Combes, Clifford Ashdown Jr.	Roosevelt, New York
Cookman, Elizabeth Ann	Auburn, New York
Corp, Nancy Lee	Auburn, New York
Corwin, Frank Ogden	Coeymans, New York
Cramer, Ruth Mary	Muskegon, Michigan
*Cresswell, Lillian Ella	Brooklyn, New York
†Daily, Patricia Anne	Chicago, Illinois
Davidson, Everett Eugene	Holland, Michigan
Davis, Donald William	Williston, New York
Dean, Harold Ralph	Keyport, New Jersey
Debbink, Martha Dala	Wauwatosa, Wisconsin
De Block, Joan Elizabeth	Paterson, New Jersey
De Boer, Joyce Jeannine	Kalamazoo, Michigan
De Boer, Paul Al	Kalamazoo, Michigan
De Kok, Paul Wesley	Sheldon, Iowa
De Vecht, Virginia Ruth	Holland, Michigan
De Vries, Jay Junior	Grand Rapids, Michigan
†De Witt, Dingeman John	Holland, Michigan
De Witt, Kenneth Wayne	Grand Haven, Michigan
De Wolf, John Edward Jr.	Rochester, New York
De Young, James A.	Friesland, Wisconsin
De Young, Robert Frank	Sheboygan, Wisconsin
Disselkoben, Gordon	Zeeland, Michigan

- Dornbos, Sanford Jay
 Droppers, Neil Anthony
 Durkin, Nancy Campbell
 Dutschke, Ruth Vivian
 Dyer, Cyril Ayers Jr.
 †Dyk, Alvin H.
 Dykstra, Delmar George
 Dykstra, Donna Mae
 *Dykstra, Dorothy Ruth Craig
 Easter, Beverly June
 Eikenhout, Paul Henry
 England, Lois Ann
 Erickson, Robert George
 Eshenour, Robert William
 Esparza, Ricardo Solis
 Essenberg, Harriet Eleanor
 Essenburg, Elaine Gertrude
 Etterbeek, Kenneth
 Eyerly, Robert Walter
 Fairchild, Donald Leon
 Feenstra, Philip Thys
 Fennema, Dorothy Ann
 †Fenske, Gordon E.
 Ferguson, Susan
 Ferris, Maralyn Ann
 Fieldhouse, Wayne Jay
 *Folkert, Earl Jay
 *Folkert, Paul Eugene
 Ford, Wilma Anne
 Franken, Harold
 Frelander, Allan Edwin
 Freyling, Dolores Jean
 Galien, John Jr.
 †Garrett, Florence Ruth
 Goding, Gordon
 Gordon, Helen
 Graeb, Robert Armin
 Gravenhorst, Alice Mildred
 Grevengoed, Donald John
 Gross, William H.
 Groters, Jarold Harvey
 Gruber, Walter Edmond
 Haak, Willard Jason
 Haaksma, Jack Cole
 Grand Rapids, Michigan
 Sheboygan, Wisconsin
 Paterson, New Jersey
 Elmhurst, New York
 Ferndale, Michigan
 Holland, Michigan
 Marion, South Dakota
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Chicago, Illinois
 Saugatuck, Michigan
 Ferndale, Michigan
 West Palm Beach, Florida
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Pleasantville, New York
 Schenectady, New York
 Redlands, California
 Chicago, Illinois
 Grand Rapids, Michigan
 Hackensack, New Jersey
 Allegan, Michigan
 Chicago, Illinois
 Honor, Michigan
 Honor, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 West New York, New Jersey
 Holland, Michigan
 Lakewood, New Jersey
 Williston Park, New York
 Hillside, New Jersey
 Detroit, Michigan
 Chicago, Illinois
 Holland, Michigan
 Flushing, New York
 Zeeland, Michigan
 Grand Rapids, Michigan

Hafer, Henry Ellis	Tappan, New York
†Haight, Ernest E.	Holland, Michigan
Hakken, James Adrian	Baghdad, Iraq
Hall, Lois Dorothy	Detroit, Michigan
Hamelink, William Dale	Holland, Michigan
†Harper, Robert M.	Saugatuck, Michigan
Hartley, Robert Philip	Hawthorne, New Jersey
Hazekamp, Donald Wayne	Muskegon, Michigan
Heath, Harold Melville Jr.	Englewood, New Jersey
Heidanus, Lois Elaine	Kalamazoo, Michigan
Hendrieth, Pauline	Brewton, Alabama
Herman, Jack Paul	Elmhurst, L. I., New York
Herr, Betty Ann	Port Jervis, New York
Hesse, Virginia Mary	Flushing, L. I., New York
Hibbard, Arlene Mae	New Richmond, Michigan
Hickson, Robert Melvin	Haskell, New Jersey
†Hiddinga, Eugene Bernard	Holland, Michigan
Hillyer, Audrey Helene	Jersey City, New Jersey
Hinga, William Kendrick	Holland, Michigan
Hinkamp, Eloise Gertrude	Poughkeepsie, New York
Hoeting, Donald	Teaneck, New Jersey
Holkeboer, Paul Edward	Holland, Michigan
Holly, William	Rochester, New York
Holman, James Richard	Chicago, Illinois
Holman, Richard Harold	Chicago, Illinois
Hopkins, Clifford Kent	Holland, Michigan
Hotaling, Mary Louise	Schenectady, New York
Howard, Robert Benjamin	Holland, Michigan
Hubble, Jaunita Harriet	Brooklyn, New York
Huenink, Phyllis Ann	Chatek, Wisconsin
Hutchinson, Clarence Holmes	Chatham, New York
Huyser, Earl Stanley	Holland, Michigan
Ihrman, G. Eloise	Racine, Wisconsin
†Jaeckel, John Lawton	Grand Rapids, Michigan
Jensen, Yvonne Hildur	Muskegon Heights, Michigan
†Jiji, Latif M.	Basrah, Iraq
†Jillson, Frank A.	Holland, Michigan
Johnson, Barbara Ann	Plainwell, Michigan
Johnson, Donald Lee	Auburn, New York
Johnson, Ione Mae	Belmont, Michigan
Johnson, Ruth Marie	Hillsdale, New York
Joldersma, John Maurice	Grand Haven, Michigan
Jones, Lorraine Bernice	Chicago, Illinois
Kalsbeek, Fred Jr.	Muskegon, Michigan

- Kamp, Janice Elaine
 †Karsten, David P.
 Keizer, Gladys Norrine
 Kelly, Charles Thomas
 Kerle, Edward Joseph
 Kerr, Barbara Anne
 Kimball, Shirley Ruth
 Kinkema, Janet Ruth
 Kleeves, Joel Fredrick
 *Klein, Iola
 Kleinheksel, Victor Wayne
 †Klimp, Jack
 Kloese, Anne Louise
 Knoll, James Lee
 Knoll, Luella
 Knooihuizen, Ervin Raymond
 *Koop, Elaine Donna
 Kooyers, Lloyd Ellsworth
 Korteling, Ruth Kamala
 Kraai, Vern Jay
 †Krause, Harold C.
 Krekel, Joan Ruth
 Kroes, Kenneth Paul
 Kroes, Ruth Joanne
 Kruizenga, Dorothy Jean
 Kuyper, Jacqueline
 *Lampen, Albert Edgar
 Langenberg, Robert James
 Lanning, Sandra Jane
 *Law, Lloyd Jr.
 Leslie, Craig William
 Leverette, Edison De Vane
 Lewis, Samuel Randolph
 Lidston, Ellen Margaret
 †Linton, Alexina Christie
 Little, Mary Irene Florence
 †Lockwood, Robert H.
 Lugers, Donald Edwin
 Lupkes, Paul Leslie
 McCallum, Hamilton
 McConnell, Constance Ann
 †McConnell, Kenneth B.
 McVea, William Chambers
 Malewitz, Thomas Donald
 Grandville, Michigan
 Holland, Michigan
 Byron Center, Michigan
 Coeymans, New York
 Passaic, New Jersey
 Clifton, New Jersey
 Holland, Michigan
 Milwaukee, Wisconsin
 Muskegon, Michigan
 Lake Odessa, Michigan
 Holland, Michigan
 Whitehall, Michigan
 Chicago, Illinois
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Punganur, Chittoor Dist., S. India
 Holland, Michigan
 Grand Haven, Michigan
 Miami, Florida
 Muskegon, Michigan
 Grand Rapids, Michigan
 Spring Lake, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Grandville, Michigan
 Holland, Michigan
 Kalamazoo, Michigan
 Schenectady, New York
 Holland, Michigan
 Brewton, Alabama
 North Bergen, New Jersey
 Yonkers, New York
 New York, New York
 Teaneck, New Jersey
 Holland, Michigan
 Appleton, Iowa
 Chicago, Illinois
 Middlebush, New Jersey
 Detroit, Michigan
 Douglas, Michigan
 Holland, Michigan

Matthews, Jack William II	Holland, Michigan
Mercer, Herbert Alan	Bayonne, New Jersey
*Metzger, Charles Philip	Kearney, New Jersey
Meulbroek, Florian Dennis	Sheboygan, Wisconsin
Meyer, Hendrik Dosker	Kalamazoo, Michigan
Meyer, Howard Dean	Holland, Michigan
*Meyer, Willis Laverne	Coopersville, Michigan
*Michielsen, Kenneth George	Holland, Michigan
Miedema, William John	Grand Rapids, Michigan
Miller, Donald Hugh	Sterling, Illinois
Miller, Richard Eugene	Walkill, New York
Miller, Robert Douglas	Walkill, New York
*Moltmaker, Dean Russell	Lake Odessa, Michigan
Monk, Everett William	Flushing, New York
Monroe, Charles Harry	Holland, Michigan
Montrose, Lois Virginia	Holland, Michigan
Moore, Mary Helen	West Cocksackie, New York
Morgan, Harry E.	Owosso, Michigan
*Mrok, Leo Joseph	Holland, Michigan
†Mukhtar, Kamil Elias	Basrah, Iraq
Murray, George Piersol	Pittsburgh, Pennsylvania
Muyskens, David Pawnall	Madanapalle, South India
Myers, Edith Elnore	Hazel Park, Michigan
Neathammer, William Frederick	Detroit, Michigan
Nederveld, Anita	Byron Center, Michigan
Nelke, Carl Dennis	Midland Park, New Jersey
Newton, Howard Edwin	Westwood, New Jersey
Nichols, Lois Marie	Clawson, Michigan
Northuis, Kenneth Dale	Holland, Michigan
*Oegema, Cornelius Lawrence	Grand Rapids, Michigan
Ondra, Robert John	Berwyn, Illinois
Otte, Corwin Robert	Shaker Heights, Ohio
Ottipoby, Collins James	Holland, Michigan
Pelon, John Fredrick	Holland, Michigan
Perry, Forrest Robert	Detroit, Michigan
Petroelje, Preston James	Zeeland, Michigan
Phillips, Burt William	Lakewood, Ohio
Phillips, Joan Marie	Chicago, Illinois
Phillips, John Stacey	Waldwick, New Jersey
Phinney, Edward Shannon	Warwick, New York
*Piers, Kenneth	Holland, Michigan
Plomp, William Jerald	Holland, Michigan
†Pointer, Merle Gene	Norwood, Ohio
Post, Joyce Elaine	Holland, Michigan

- Postma, Andrew Donald
 Priest, George Joseph
 Proctor, Norman William
 Quade, Lewis Phillip
 Radcliffe, Margaret Juanita
 Rauschenbach, Alfred H.
 Reineke, George Einer
 Richards, Ruth Elaine
 Richards, William Louis
 Richardson, Elwin Jr.
 Rieckman, Robert Erwin
 Riekse, Marian Jean
 *Rispens, Alice Merle
 *Robins, Charles Albert
 Roest, Suzellen Claire
 †Roeth, Robert Lawrence
 Rooks, Wendell Jay
 Rosenberg, Helen Elaine
 Rozenboom, Luella Beth
 Rycenga, Ted Jay
 Rynbrandt, Anita June
 *Sanford, Herbert Harrison
 Sauder, Allen Eugene
 Sauder, Frederick William
 Saupe, Lynn Frank
 Saxon, Richard Ward
 *Schaaphok, Eileen Theresa
 *Schaible, Herbert George
 †Schall, Arthur John
 *Schipper, Theodore Minord
 Schipper, Vernon James
 †Schoonveld, Arthur
 Schoonveld, Margaret Louise
 *Schouten, Leonard James
 Schrier, Sally Ann
 *Schubel, John Thomas
 Schug, Carolyn Jane
 Schuiling, Eva Joy
 Schultz, George
 Schultz, Robert A.
 Scribner, Peter Hilton
 †Sealand, Edward Daniel
 *Setter, Edgar Charles Jr.
 Shafer, Roger Glenn
 Holland, Michigan
 Freeport, New York
 Wortendyke, New Jersey
 Douglas, Michigan
 Dearborn, Michigan
 Dumont, New Jersey
 Park Ridge, New Jersey
 Berrien Springs, Michigan
 Williston Park, New York
 East Williamson, New York
 Oak Park, Illinois
 Grand Rapids, Michigan
 Chicago Heights, Illinois
 Detroit, Michigan
 Marion, Ohio
 North Bergen, New Jersey
 Holland, Michigan
 Byron, Illinois
 Coopersville, Michigan
 West Spring Lake, Michigan
 Zeeland, Michigan
 Pentwater, Michigan
 Muskegon, Michigan
 Muskegon, Michigan
 Sheldon, Iowa
 Oak Park, Illinois
 Chicago, Illinois
 Altamont, New York
 Chicago, Illinois
 Allendale, Michigan
 Zeeland, Michigan
 Holland, Michigan
 De Motte, Indiana
 Fairwater, Wisconsin
 Holland, Michigan
 Macatawa, Michigan
 Hudson, New York
 Grand Rapids, Michigan
 Evergreen Park, Illinois
 Chicago, Illinois
 Pleasantville, New York
 Chicago, Illinois
 Holland, Michigan
 Schenectady, New York

- Sharp, Catherine Wilson
 Shaw, Betty Jayne
 Shay, Mervyn Charles
 Shilling, Canstance Blanche
 Shoemaker, Arlene Ruth
 Short, Eleanore Louise
 Sibers, Delpha Louise
 Sikkema, Laverne Arthur
 Simpson, Russell Norman
 *Slager, Herman Cornelius
 Slosson, Frank Edward
 Smith, Arlene Rose
 Smith, Howard Dale
 †Smith, Irma Jane
 Smith, Nancy Louise
 Smith, Thomas Lucas
 Smouse, Kenneth W.
 Snell, Barbara Ann
 Snow, Elizabeth Lou
 Speet, Donna Mae
 Staal, John Jr.
 Stap, Adelaide Ruth
 Stark, Richard Thomas
 Stegenga, Lillian
 Sterken, Gordon Jay
 Stevenson, Robert O'Neil
 Stewart, Richard Dwayne
 *Stitt, William Donald
 †Stivers, Robert Pierson
 †Stoppels, Robert M.
 *Sundin, Robert Eugene
 Suozzo, Arlene Lenore
 *Swanson, Robert Edwin
 Taylor, Lois Margaret
 Ten Cate, John Jay
 Thatcher, Joyce Elizabeth
 *Tillema, Donald Duane
 Toth, Corinne Illa
 Trimpe, Bonney Joan
 Vail, William Richardson
 Van Ark, Myron Dale
 †Van Arsdell, Marjorie Jean
 Van Bruggen, Cornelia Wilhelmina
 †Vande Bunte, Lewis H.
- Clifton, New Jersey
 Clifton, New Jersey
 Schenectady, New York
 South Holland, Illinois
 Hudsonville, Michigan
 Auburn, New York
 Grand Rapids, Michigan
 Morrison, Illinois
 Holland, Michigan
 Holland, Michigan
 Benton Harbor, Michigan
 Holland, Michigan
 Holland, Michigan
 Skaneateles, New York
 Muskegon, Michigan
 Holland, Michigan
 Marseilles, Illinois
 Pottstown, Pennsylvania
 Royal Oak, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Grand Haven, Michigan
 Clifton, New Jersey
 Holland, Michigan
 Grand Rapids, Michigan
 Plymouth, Michigan
 Gary, Indiana
 Mohawk, New York
 Brooklyn, New York
 Holland, Michigan
 Holland, Michigan
 Hackensack, New Jersey
 Grand Rapids, Michigan
 Coopersville, Michigan
 Holland, Michigan
 Somerville, New Jersey
 Kalamazoo, Michigan
 Detroit, Michigan
 Holland, Michigan
 East Stroudsburg, Pennsylvania
 Holland, Michigan
 Chicago, Illinois
 Kalamazoo, Michigan
 Holland, Michigan

Vanden Berg, Theodore B.	Holland, Michigan
Van Den Biesen, Jean Anna	North Bergen, New Jersey
Vanderborgh, June Ellen	Sayville, New York
Vander Moere, Mary Louise	Grand Rapids, Michigan
Van De Wege, Edwin Jay	Holland, Michigan
Van Duzer, Marcia Lou	Auburn, New York
*Van Dyke, Grace Audrey	Sioux Falls, South Dakota
†Van Dyke, Robert Frank	Holland, Michigan
Van Dyke, Robert Stuart	Grand Rapids, Michigan
Van Dyke, Russell Austin	Rochester, New York
Van Eck, Arthur Dale	Holland, Michigan
*Van Eck, Marvin Jay	Holland, Michigan
Van Eenenaam, John Phillip	Muskegon, Michigan
Van Farowe, Helen Jane	Zeeland, Michigan
Van Gilder, Roberta Jean	Williston Park, New York
Van Huis, Robert Louis	Holland, Michigan
Van Ingen, Donald Louis	Holland, Michigan
Van Keulen, James III	Comstock Park, Michigan
Van Koevering, Keith Conrad	Zeeland, Michigan
Van Kolken, Jo Ann Elene	Holland, Michigan
Van Neuren, Barbara	Grand Rapids, Michigan
*Van Singel, Henry Richard	Grandville, Michigan
Van Slooten, Benjamin	Holland, Michigan
*Van Tatenhove, Kenneth Paul	Holland, Michigan
Van't Hof, William Keith	Detroit, Michigan
Van Weelden, Marillyn Joyce	Kalamazoo, Michigan
Van Wingen, Thomas Lee	Grand Rapids, Michigan
Van Wynen, Gerard	Holland, Michigan
*Van Zanten, Robert Huen	Muskegon, Michigan
Van Zoeren, Alicia Harriet	Schenectady, New York
Van Zoeren, Harold Lloyd	Grand Rapids, Michigan
Veltman, Kathleen Stuart	Winterset, Iowa
Ver Beek, Jeanne Elaine	Muskegon, Michigan
Verhage, Roger Theodore	Sheboygan, Wisconsin
Ver Meulen, Jane Kathryn	Grand Rapids, Michigan
Visscher, Harrison	Hudsonville, Michigan
Visscher, Robert	Hudsonville, Michigan
Vollmer, Ludwig William	Holland, Michigan
Vomastic, Barbara Frances	Shawano, Wisconsin
Votaw, Charles Leslay	Muskegon, Michigan
Vruggink, Elmer H.	Hudsonville, Michigan
Vruggink, Norman	Hudsonville, Michigan
Vyverberg, Nancy Helen	Rochester, New York
Waalkes, Adrian Kenneth	Grand Rapids, Michigan

Wagner, Robert Jay	Redlands, California
Webster, Marion Elizabeth	Dearborn, Michigan
Westerhoff, Gerald	Calumet City, Illinois
Westerhoff, Robert Jay	Holland, Michigan
†Westra, Thelma Mae	Indianapolis, Indiana
†Whitford, Marilyn Joyce	Grand Rapids, Michigan
Wirenga, Gertrude Van Den Brink	Rock Valley, Iowa
Wieringa, Gardner	Hudsonville, Michigan
Wiersema, Leon Conrad	Holland, Michigan
Wildman, James Rodger	Aurora, Illinois
Willetts, Stanley Burton Jr.	Grosse Pointe, Michigan
Winship, Robert Edward	Bergenfield, New Jersey
Witt, Melvin Gerard	Muskegon, Michigan
*Witteveen, June Lucille	Holland, Michigan
Wojahn, Robert William	Holland, Michigan
Wolbrink, Marilyn Jane	Hudsonville, Michigan
Wolfe, William Winne Jr.	Coeymans, New York
Wolters, Lloyd Jay	Holland, Michigan
Workman, John Edward	Muskegon, Michigan
Yamaguchi, Yuriko	New York, New York
*Young, Robert Archibald	Hamden, Connecticut
†Zelinka, Anthony F.	Chicago, Illinois
*Zerrip, Gerald Raymond	Zeeland, Michigan
Zimmerman, Andrew Frederick	Raritan, New Jersey
Zuroff, John Robert	Bayside, New York
Zwemer, Frank Lanus	Lakewood, Ohio

SPECIALS

†Barnum, Lucille Stitt	Holland, Michigan
†Bennett, Mary Blair	Holland, Michigan
†Borr, Barbara Ann	Holland, Michigan
†Bruggers, Glenn	St. Anne, Illinois
Buis, Harry	Hawthorne, New Jersey
†De Young, Eugene Eli	Friesland, Wisconsin
Dykstra, George Irving	Danforth, Illinois
†Ferman, Dewey L.	Ithaca, Michigan
*Fishburn, Barclay Belding	Schenectady, New York
†Gnade, Edith Elaine	Holland, Michigan
Hoodema, Richard L.	Holland, Michigan
†Huizenga, Evelyn June	Zeeland, Michigan
†Janssen, June E.	Zeeland, Michigan
Lankheet, Harold A.	Zeeland, Michigan
Miller, Frederick John Jr.	Holland, Michigan

*Molter, Stanley Herbert	Cedar Grove, Wisconsin
Osterhaven, Wilma Ann	Grand Rapids, Michigan
Prins, Edward	Holland, Michigan
Resch, Robert Parker II	Flushing, New York
†Schaap, Marguerite	Holland, Michigan
†Scobie, Mary Jacqueline	West New York, New Jersey
*Sligh, Charles Robert III	Holland, Michigan
Thaden, Judith	Holland, Michigan
Tinklenberg, Helena Maryella	Holland, Michigan
†Tinklenberg, Tena G.	Holland, Michigan
*Van Farowe, Donald Edward	Grand Rapids, Michigan
*Van Voorst, Donna Ruth	Zeeland, Michigan
†Ver Meulen, Lorraine Georgia	Grand Rapids, Michigan

VETERANS' INSTITUTE

Allman, Paul William	Holland, Michigan
Dolnik, Joseph Julius	Holland, Michigan
Hessler, Robert L.	Holland, Michigan
*Johnson, Oscar Richard	Holland, Michigan
*Mortensen, Arthur Eugene	Holland, Michigan
Mulder, Raymond J.	Holland, Michigan
Speet, Herman	Holland, Michigan

SUMMER SESSION—1947

Amso, Khalid Iskander	Basrah, Iraq
Arwe, Alfred Homer	Boonton, New Jersey
Bareman, William E.	Holland, Michigan
Barense, Jack Gordon	Holland, Michigan
Barkema, Robert H.	Holland, Michigan
Barnum, Leon Harrington	Holland, Michigan
Baron, Philip Henry	Zeeland, Michigan
Barry, Robert Ver Lee	Holland, Michigan
Beereboom, John Joseph	Holland, Michigan
Beld, Gordon George	Grand Rapids, Michigan
Bengelink, Henry	Holland, Michigan
Bergers, Dorothy Louise	Holly, Michigan
Bobb, Clarence Edward	Genesee, Michigan
Bogard, David Hugh	Little Falls, New Jersey
Boonstra, William Dean	Zeeland, Michigan
Bouwsma, Elinor R.	Holland, Michigan
Boyce, Ruth Bauhahn	Holland, Michigan
Brandt, Elmer Raymond	Holland, Michigan
Brink, Suzanna Henrietta	Sheldon, Iowa

Brondyke, Edward Earl	Holland, Michigan
Buckle, Harry Thomas	Chicago, Illinois
Bult, Lorraine Virginia	Chicago, Illinois
Buursma, George Henry	Holland, Michigan
Cameron, William Douglas	Lansing, Michigan
Caudle, Horace John	Grand Rapids, Michigan
Clark, Jack Forrest	Rockford, Michigan
Cook, Gerard Earl	Holland, Michigan
Cook, James Ivan	Grand Rapids, Michigan
Cornell, Ralph Patak	Teaneck, New Jersey
Cousins, Annette Beryl	Detroit, Michigan
Crawford, Donald Ennis	Schenectady, New York
Crofford, Malcolm Bennett	Chicago, Illinois
Curtiss, George Melvin	Muskegon Heights, Michigan
Daley, William Cairn	Detroit, Michigan
De Bey, Margaret Cynthia	Holland, Michigan
Decker, Rodger Wayne	Slingerlands, New York
De Groot, Earl	St. Anne, Illinois
Deising, Rolland Ellis	Holland, Michigan
De Loof, Gerard Jr.	Richland, Michigan
De Master, Howard Lee	Cedar Grove, Wisconsin
De Pree, Max Owen	Zeeland, Michigan
De Valois, John James	Holland, Michigan
De Weerd, Lowell	Holland, Michigan
De Witt, Donald Everett	Chicago, Illinois
De Young, Abraham Marvin	Perkasie, Pennsylvania
Diehl, Gloria Annette	Chicago, Illinois
Dirkse, Lamont Dale	Hingham, Wisconsin
Dolnik, Joseph Julius	Holland, Michigan
Dykstra, Harold Eugene	Grand Rapids, Michigan
Eickelberg, Warren Barbour	Douglaston, New York
Elhart, Baxter J.	Zeeland, Michigan
Fisher, Harold Stuart	Grand Haven, Michigan
Forsten, John Henry	Zeeland, Michigan
Fritzler, Edward	Fond Du Lac, Wisconsin
Froelich, Robert Charles	Cleveland, Ohio
Fylstra, Henry Donald	Little Falls, New Jersey
Geiger, William Gustav	New York, New York
Glerum, Richard Zimmer	Rochester, New York
Glupker, Jack William	Holland, Michigan
Grassa, Edmund Charles	Scottville, Michigan
Groth, Harold Paul	Plymouth, Michigan
Haberland, John Andrew	Holland, Michigan
Hacklander, Mary Catherine	Holland, Michigan

Hakken, Bernard Daniel Jr.	Holland, Michigan
Haycock, Clifford Peer	Riverdale, New Jersey
Heerspink, Harvey Robert	Holland, Michigan
Herman, Charles Anthony	Elmhurst, New York
Herman, Jack Paul	Elmhurst, New York
Hermance, Carol Jean	Hudson, New York
Hillegonds, William Cornelius	Holland, Michigan
Hoeting, Donald	Teaneck, New Jersey
Hofmeyer, Benjamin G.	Holland, Michigan
Horton, Russell Erastus	Paterson, New Jersey
Howard, Robert Benjamin	Holland, Michigan
Humbert, Alexander Merle	Holland, Michigan
Janssen, Cathryn	Zeeland, Michigan
Jillson, Lois Alleyne	Holland, Michigan
Johnson, Donald	Holland, Michigan
Johnson, Kenneth Fraser	Chicago, Illinois
Kammeraad, Harold Leonard	Holland, Michigan
Keizer, Gladys Norrine	Byron Center, Michigan
Horne, Eugene Lee	Paterson, New Jersey
Kennedy, Walter Thomas	Hasbrouck Heights, New Jersey
Ketelhut, E. Alvina	Holland, Michigan
Kleis, Paul Maynard	Holland, Michigan
Kempers, Roger Dyke	Holland, Michigan
Klynstra, Harvey Lewis	Hudsonville, Michigan
Koranda, Le Roy Fredrick	Grand Rapids, Michigan
Korteling, Marian Alice	Ithaca, New York
Kraai, Vernon Theodore	Holland, Michigan
Kromp, Michael N.	Holland, Michigan
Kuiper, Robert James	Holland, Michigan
Lam, Donald Anno	Holland, Michigan
Lamb, James Oliver	Holland, Michigan
Larson, Charles John	Manistique, Michigan
Lavelly, Marjorie McIntosh	Highland Park, Michigan
Linton, John Cox	Detroit, Michigan
Locker, Theodore Arthur	Churubusco, Indiana
Lowry, Oswin William	Holland, Michigan
MacCartney, Herbert William	Chicago, Illinois
MacDonald, John Marshall	Holland, Michigan
Makowsky, Vassel William	Argo, Illinois
McCallum, John	Chicago, Illinois
McCrum, Joseph	Brooklyn, New York
McLean, Mary Kathleen	Holland, Michigan

Mella, Robert A.	West New York, New Jersey
Mellema, Martin	Holland, Michigan
Menasin, Andrew Paul	West New York, New Jersey
Mepyans, Marvin George	Plymouth, Michigan
Meulenbelt, Vernon	Holland, Michigan
Miedema, William John	Grand Rapids, Michigan
Miller, Donald	Grand Rapids, Michigan
Miller, Donald Hugh	Sterling, Illinois
Miller, Raymond Le Fevre	New Paltz, New York
Molter, Stanley Herbert	Cedar Grove, Wisconsin
Moore, Jean Carol	Flushing, New York
Mulder, Harriet Goldie	Holland, Michigan
Mulder, Raymond Jay	Holland, Michigan
Nedeau, Alfred Bollier Jr.	East Rochester, New Hampshire
Oostendorp, William John	Holland, Michigan
Osgood, John Dinsmore	Fennville, Michigan
Overway, Marvin J.	Holland, Michigan
Peirce, Howard Marshall	Holland, Michigan
Pennings, Alfred Gerrit	Orange City, Iowa
Ponstein, Lambert J.	Grand Haven, Michigan
Pontier, Robert List	Hasbrouck Heights, New Jersey
Poppen, George Calvin	Belmond, Iowa
Quant, Ruth Joann	Rochester, New York
Reagan, Audrey Lorain	Holland, Michigan
Resch, Robert Parker II	Flushing, New York
Robbert, Paul Alvin	Holland, Michigan
Rowan, Bernard John	Holland, Michigan
Scamehorn, Iris Mary	Taylorville, Illinois
Scheerens, Daniel George	Rochester, New York
Scheerhorn, Robert Harris	Holland, Michigan
Schemper, Chester Marciel	Holland, Michigan
Schemper, Garrietta	Holland, Michigan
Scobie, David Elder	West New York, New Jersey
Severance, Donna Eileen	Holland, Michigan
Shewan, Wm. Philip Forbes	Mt. Vernon, New York
Simon, Manuel Thomas	Basrah, Iraq
Slosson, Frank Edward	Benton Harbor, Michigan
Sluyter, Esther Boeve	Holland, Michigan
Speros, Harriet Marie	Chicago, Illinois
Sperry, Donald Draper, Jr.	Douglas, Michigan
Stephan, Winton Everett	Holland, Michigan
Stelwagen, Henry Cornelius	Grandville, Michigan
Sterk, Frank	Cambria, Wisconsin
Stetson, Edward Levine	Bristol, Pennsylvania

Stillwell, Joanne Elizabeth	Grand Rapids, Michigan
Stivers, Robert Pierson	Brooklyn, New York
Stoltz, Wilbur Harley	Holland, Michigan
Stoner, Alden J.	Rockford, Michigan
Strabbing, Robert James	Holland, Michigan
Terkeurst, James Arthur	Holland, Michigan
Terkeurst, John Frederic	Holland, Michigan
Thaden, Judith Gladys	Holland, Michigan
Thaden, Robert Lawrence	Willow Lake, South Dakota
Thompson, Paul Madery	Three Rivers, Michigan
Toonder, Thomas David	Detroit, Michigan
Van Dam, Evelyn June	Hudsonville, Michigan
Vanden Brink, Dale Warren	Holland, Michigan
Vanderbush, Elizabeth Elenbaas	Holland, Michigan
Vander Hoven, John William	North Haledon, New Jersey
Vander Kolk, Anno Melvin	Zeeland, Michigan
Vander Woude, Cornelius Anthony	Woodstock, Minnesota
Van Duren, Wm. D. Cornelius	Holland, Michigan
Van Dyke, Albertus Raymond	Holland, Michigan
Van Dyke, Esther Ruth	Holland, Michigan
Van Eck, Marvin J.	Holland, Michigan
Van Hall, Clayton Edward	Grand Haven, Michigan
Van Hartesveldt, Fredrick Carroll Jr.	Grand Rapids, Michigan
Van Hekken, Eleanor Frances Keyton	Holland, Michigan
Van Horn, Leonard Thomas	Nutley, New Jersey
Van Kolken, Jo Ann Elene	Holland, Michigan
Van Oeveren, John Franklin	Grand Rapids, Michigan
Van Pernis, Elton Louis	Holland, Michigan
Van Reenen, Jack Philip	Ionia, Michigan
Van Wieren, Harvey Dale	Holland, Michigan
Van Zyl, Robert James	Chicago, Illinois
Venhuizen, Betty Jean	Holland, Michigan
Ver Berkmoes, Harold	Holland, Michigan
Ver Hey, William J.	Holland, Michigan
Ver Meulen, Lorraine Georgia	Holland, Michigan
Volkers, Jay Howard	Holland, Michigan
Wagner, Robert Hummel	Douglas, Michigan
Walchenbach, Donald Edward	Hawthorne, New Jersey
Walters, Chester Paul	Grand Rapids, Michigan
Weber, Lawrence Randolph	West New York, New Jersey
Weemhoff, Donald Lloyd	Holland, Michigan
Westerhoff, Peter D. Jr.	Millard Park, New Jersey
Westerhoff, Robert Jay	Holland, Michigan
Wildman, Connie E.	Holland, Michigan

Wildman, James Rodger
 Wildman, Robert Bryant
 Wilterdink, Marian June
 Wolbert, Dorothy P.
 Wolbert, Harris Jay

Aurora, Illinois
 Traverse City, Michigan
 Grandville, Michigan
 Hamilton, Michigan
 Holland, Michigan

SUMMARY

Class	Men	Women	Total
Senior	78	65	143
Junior	153	67	220
Sophomore	349	119	468
Freshman	278	141	419
Specials	14	15	29
Veterans Institute	7	0	7
Summer Session, 1947	161	37	198
Totals	1040	444	1484
Deducted for double counting			143
Net Total			1341

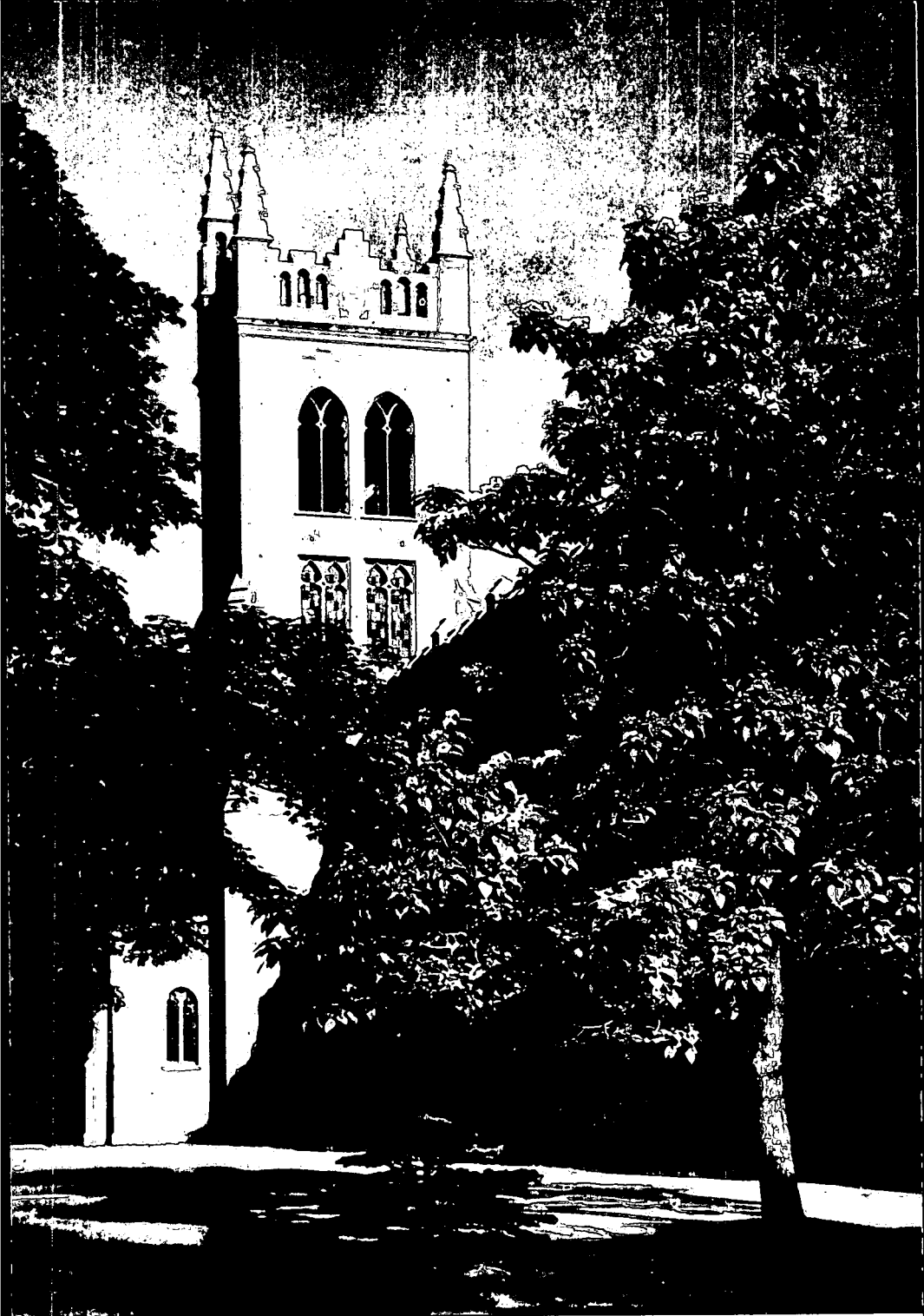
GEOGRAPHICAL DISTRIBUTION

Michigan	816	Montana	2
New York	173	South India	2
New Jersey	102	Texas	2
Illinois	101	Arabia	1
Wisconsin	38	Canada	1
Iowa	24	China	1
Netherlands	17	Colorado	1
Ohio	15	Massachusetts	1
Indiana	10	Missouri	1
Iraq	9	Montana	1
Pennsylvania	6	New Hampshire	1
California	4	Nicaragua	1
South Dakota	4	Washington	1
Connecticut	3		
Alabama	2		
Florida	2	Total	1341

INDEX

Absence Rules	42	Debate	33, 109, 110
Academic Standing	22	Degrees, Conferred	121-123
Accrediting	22	Degrees, Requirements	44-47
Activities, College	30-34	Dentistry	114
Administration	7, 8	Department Majors	46
Admission	37-39	Dining Facilities	27
Aeronautics	63	Dramatics	33, 34
Aid, Student	53-55	Economics	72-74
Aims	21, 22	Education	75-79
Alcor	31	Employment	28
Alumni Association	34	English	79-82
Art	63, 64	Enrollment	37-39
Athletic Activities	33	Entrance Requirements	38, 39
Attendance	42	Expenses	51
Awards	56-59, 125	Faculty	9-15
Bible and Religion	105, 106	Faculty Honors	125
Biology	64-66	Failures	40
Blue Key	31	Fees	51
Board and Room Fees	51	Field of Concentration	45
Board of Trustees	5, 6	Foreign Language Requirement	45
Buildings	24-27	Forensics	33
Business Administration	72, 74, 75, 112, 113	Forestry	115
Calendar	2, 3	Fraternal Societies	31
Campus	24	French	89, 90
Certificate, Teachers	75-77	Freshmen	145-154
Change of Courses	41	Geographical Distribution	160
Chapel	23	General Semester Fees	51
Chemistry	67-70	German	90, 91
Choir	32	Grading System	40
Christian Ministry	113, 114	Graduation Honors	43
Class Attendance	42	Graduation Requirements	44, 45
Classical Languages	70-72	Grants in Aid	55
Classification	42	Greek	71
College Corporation	5, 6	Grounds and Buildings	24-27
Commencement	3	Group Requirements	44, 45
Committees, Board of Trustees	6	Guidance	28
Committees of Faculty	16	Gymnasium	25
Composite Majors	46, 47	Health Form	38
Counseling Service	28	Health Service	29
Course Requirements	44	History	82-85
Courses (Suggested)	112-117	History of College	19, 20
Critic Teachers	15	Honor Roll	123

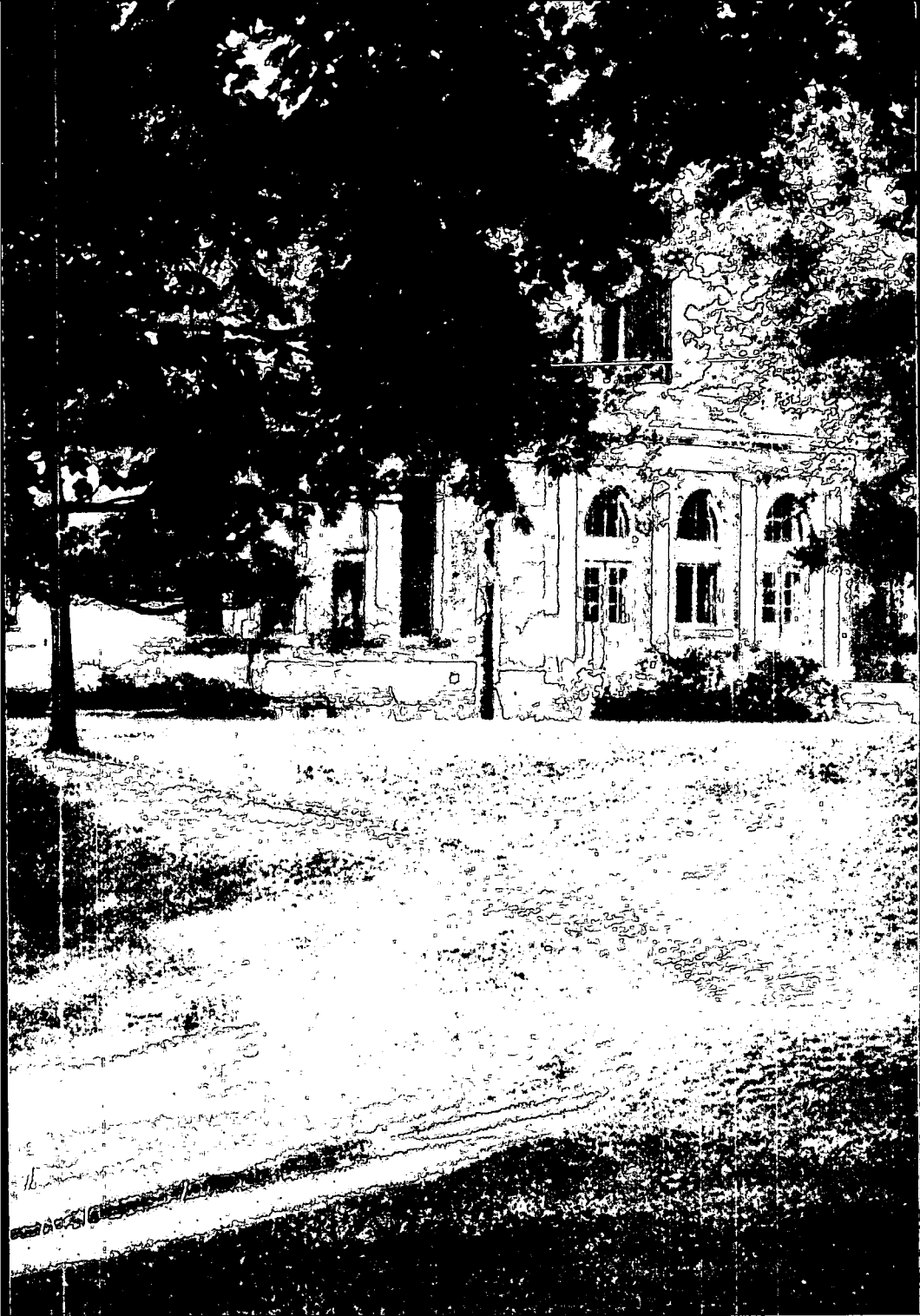
Honors and Prizes	43, 125	Reading Courses	42, 43
Honor Societies	31	Refund Policy	52
Housing	25-27	Registration	3
Incompletes	40	Regulations, Academic	40-42
Juniors	129-134	Regulations, College	23
Languages, Classical	70-72	Religion and Bible	105, 106
Languages, Modern	88-93	Religious Education	105, 106, 113
Latin	71, 72	Religious Organizations	30
Law	115	Residence	44
Library	25	Room and Board Fees	51
Library Science	85, 86	Rooming Facilities	25-27
Literary Societies	30, 31	Scholarships	53-55
Loans	55	Science	64-70, 101, 102
Location	24	Secretarial Education	107
Maintenance	7, 8	Semester Hours	44
Mathematics	86-88	Senior Honors	43
Medicine	116	Seniors	126-129
Men's Housing	26, 27	Social Service	114
Ministry	113, 114	Societies	30, 31
Modern Languages	88-93	Sociology	108, 109
Music	93-96	Sophomores	134-144
Music Scholarships	54, 55	Spanish	92, 93
Musical Organizations	32	Special Fees	51
Nursing	117	Special Instructors	14
Objectives	21, 22	Speech	109-111
Oratory	33	Standards	20, 21
Organ	93-96	Student Clubs	30, 31
Organization	19, 20	Student Aid	53-55
Payment of Fees	51	Student Council	32
Personnel Program	28, 29	Student Load	41
Philosophy	97	Student Organizations	30-34
Physical Education		Student Roll	126-160
for Men	44, 98, 99	Suggested Curricula	112-117
Physical Education		Summer Session	155-160
for Women	44, 99-101	Teacher Training	75-79, 117
Physics	101, 102	Theology	105, 106, 113, 114
Piano	93-96	Transcript of Record	47
Pi Kappa Delta	33	Transfer Students	39
Placement Service	28, 29	Trustees	5, 6
Political Science	102, 103	Tuition	51
Practice Teaching	75, 78	Veterans Education	39
Prizes	56-59	Veterans Institute Fees	51
Professional Curricula	112-117	Voice	93-96
Psychology	103, 104	Withdrawal from College	40, 41
Publications	33	Women's Residence Halls	25, 26
Public Speaking	109-111	Y. M. C. A.	30
Quality Points	44	Y. W. C. A.	30



MEMORIAL CHAPEL



SCIENCE BUILDING



VAN RAALTE HALL



SUNRISE ON



THE CAMPUS



CARNEGIE HALL



VOORHEES HALL



A STROLL ON THE CAMPUS

